

START

0024563

WHC-SP-0909

Tri-Party Agreement Milestone Summary

Date Published
September 1992

Prepared for the U.S. Department of Energy



**Westinghouse
Hanford Company**

P.O. Box 1970
Richland, Washington 99352

Hanford Operations and Engineering Contractor for the
U.S. Department of Energy under Contract DE-AC06-87RL10930

Purpose and Use of Document This document was prepared for use within the U.S. Department of Energy and its contractors. It is to be used only to perform, direct, or integrate work under U.S. Department of Energy contracts. This document is not approved for public release until reviewed.

Patent Status This document copy, since it is transmitted in advance of patent clearance, is made available in confidence solely for use in performance of work under contracts with the U.S. Department of Energy. This document is not to be published nor its contents otherwise disseminated or used for purposes other than specified above before patent approval for such release or use has been secured, upon request, from the Patent Counsel, U.S. Department of Energy, Richland Field Office, Richland, WA.



Approved for Public Release

9 2 1 2 7 5 7 1 1 0 8

LEGAL DISCLAIMER

This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, nor any of their employees, nor any of their contractors, subcontractors or their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or any third party's use or the results of such use of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise, does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof or its contractors or subcontractors. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.

This report has been reproduced from the best available copy. Available in paper copy and microfiche.

Available to the U.S. Department of Energy
and its contractors from
Office of Scientific and Technical Information
P.O. Box 62
Oak Ridge, TN 37831
(615) 576-8401

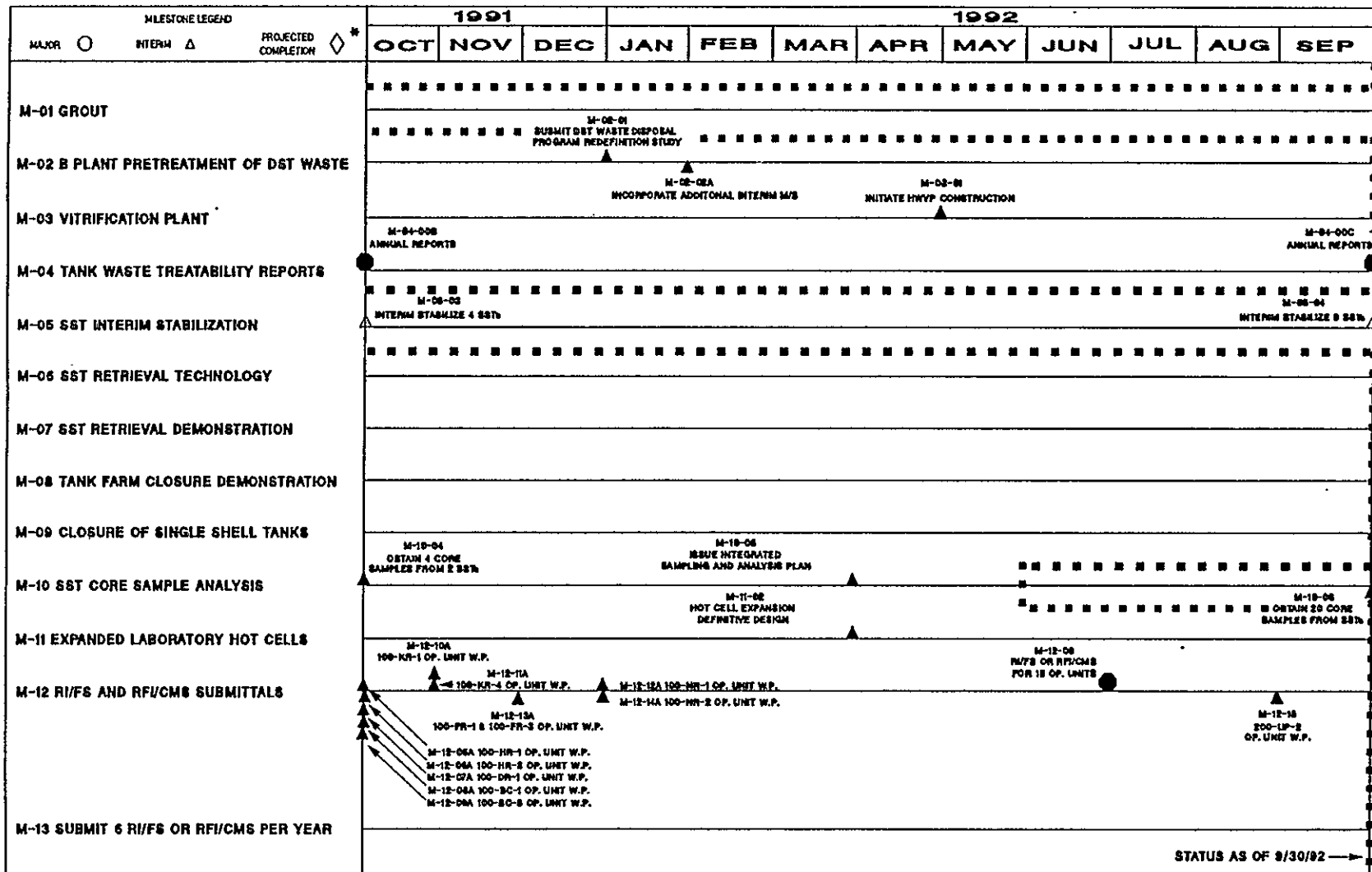
Printed in the United States of America

DISCLM-3.CHP (1-91)

9 2 1 2 7 3 7 1 1 9

TPA MILESTONES

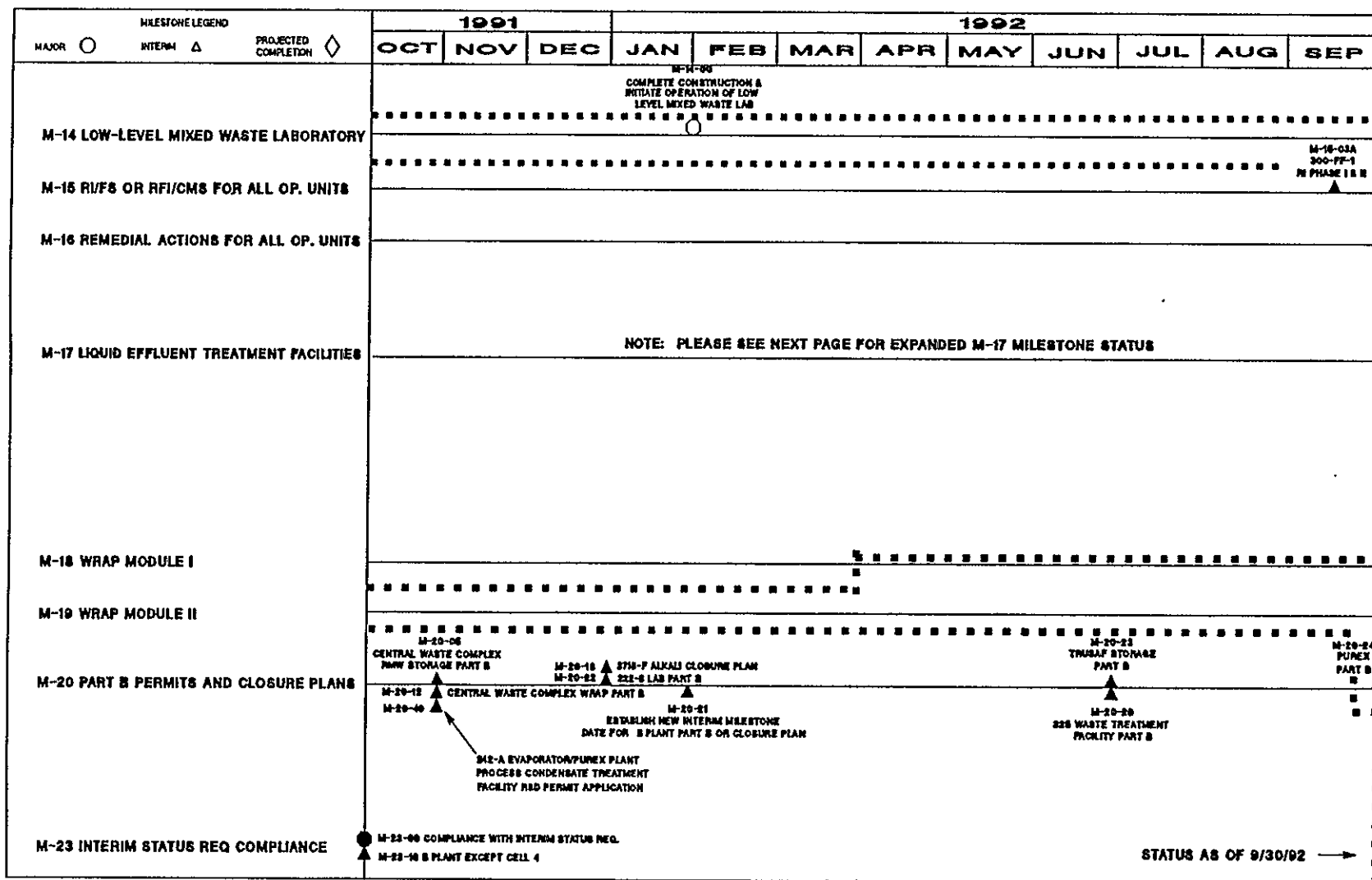
PAGE 1 OF 4



9 2 1 2 7 3 7 1 1 1 0

TPA MILESTONES

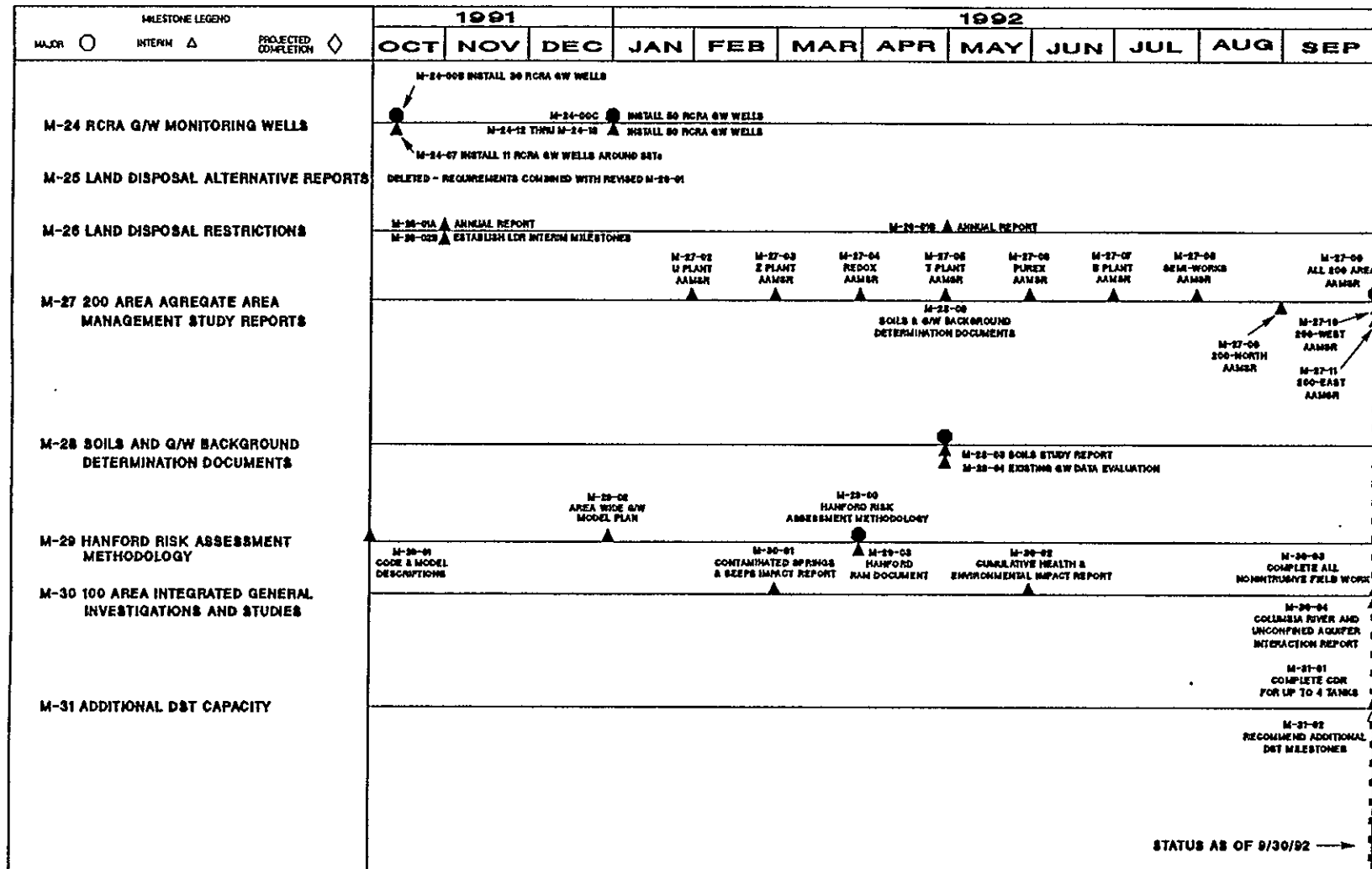
PAGE 2 OF 4



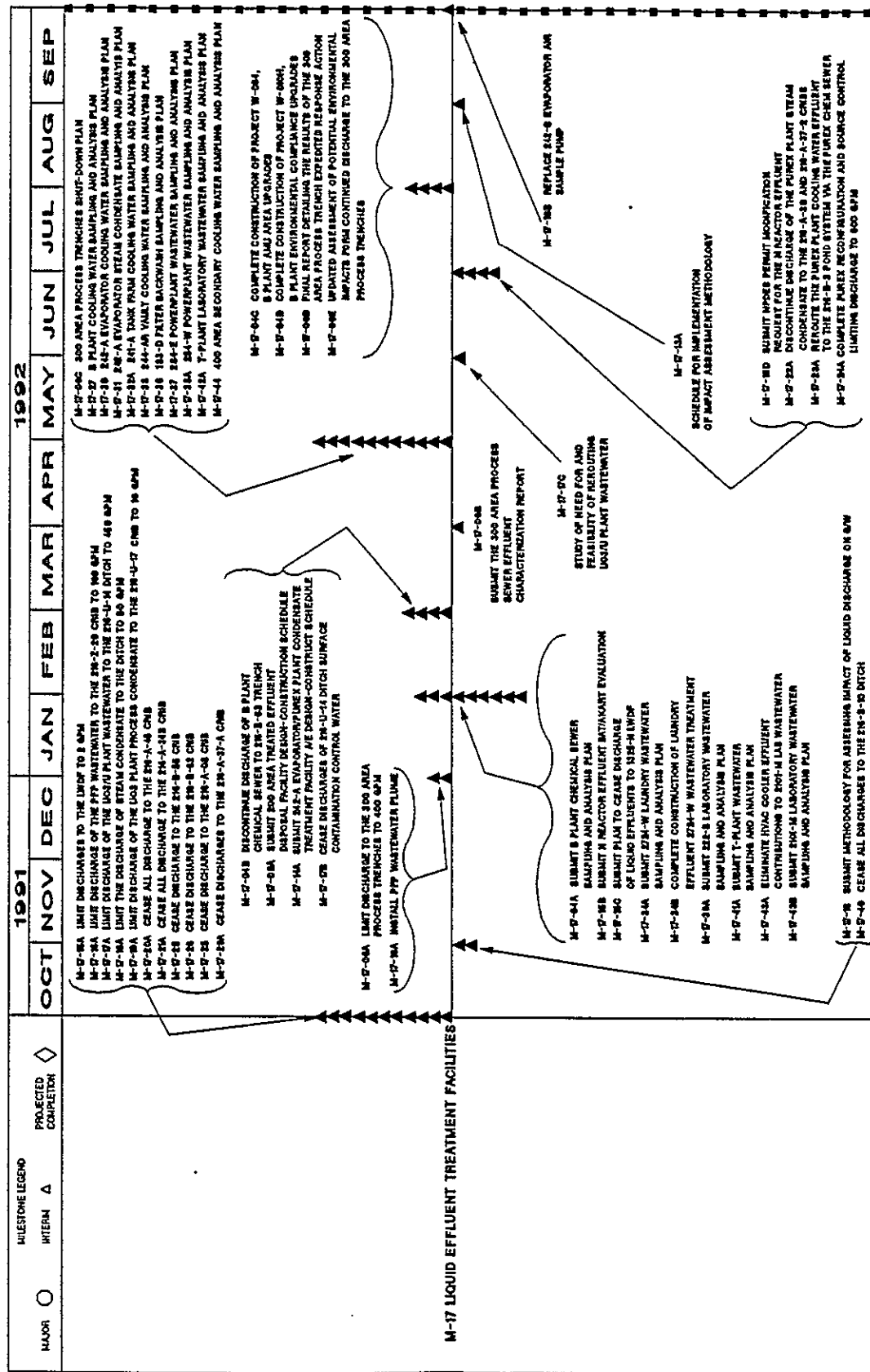
9 2 1 2 7 1 7 1 1 1 1

TPA MILESTONES

PAGE 4 OF 4



TPA MILESTONES



TRI-PARTY AGREEMENT BUDGET BASELINE SUMMARY SEPTEMBER 1992

(\$ in Millions)

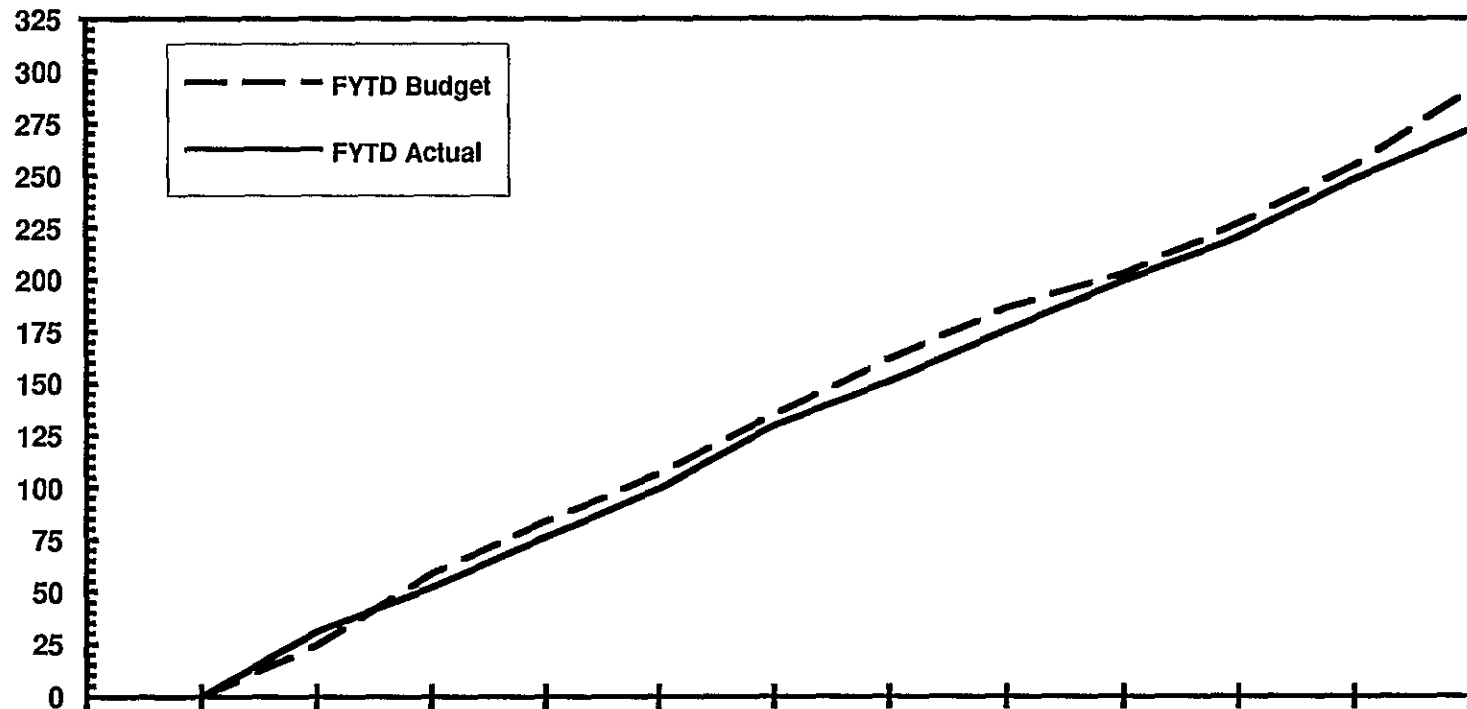
<u>Major Milestone</u>	<u>FYTD Budget</u>	<u>FYTD Cost</u>	<u>Spending Variance</u>	<u>Annual Budget</u>
M-00	8.5	8.1	0.4	8.5
M-01	39.8	39.1	0.7	39.8
M-02	3.7	5.5	-1.8	3.7
M-03	18.0	16.1	1.9	18.0
M-04	NA	NA	NA	NA
M-05	6.0	5.5	0.5	6.0
M-06	4.9	4.5	0.4	4.9
M-07	NA	NA	NA	NA
M-08	NA	NA	NA	NA
M-09	3.4	3.5	-0.1	3.4
M-10	16.5	16.4	0.1	16.5
M-11	3.0	3.3	-0.3	3.0
M-12	1.6	1.6	0.0	1.6
M-13	NA	NA	NA	NA
M-14	12.6	9.2	3.4	12.6
M-15	78.9	68.6	10.3	78.9
M-16	6.2	5.8	0.4	6.2
M-17	33.3	32.5	0.8	33.3
M-18	11.0	10.4	0.6	11.0
M-19	4.7	4.8	-0.1	4.7
M-20	8.5	6.9	1.6	8.5
M-24	9.1	8.2	0.9	9.1
M-25	0.0	0.0	0.0	0.0
M-26	0.1	0.1	0.0	0.1
M-27	9.1	9.2	-0.1	9.1
M-28	1.2	1.1	0.1	1.2
M-29	4.6	4.6	0.0	4.6
M-30	4.1	4.6	-0.5	4.1
M-31	<u>2.2</u>	<u>2.5</u>	<u>-0.3</u>	<u>2.2</u>
Total	<u>291.0</u>	<u>272.1</u>	<u>18.9</u>	<u>291.0</u>

9 2 1 2 7 3 7 1 1 3

BUDGET BASELINE SUMMARY

FY 1992

\$ Millions



	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FYTD Budget	0.00	24.5	58.6	84.1	106.6	135.0	161.7	186.3	202.9	226.7	254.7	291.0
FYTD Actual	0.01	31.3	52.0	76.5	99.3	129.8	150.9	175.6	199.3	220.2	248.0	272.1
Spending Var	-0.01	-6.8	6.6	7.6	7.2	6.1	12.9	10.7	3.6	6.5	6.7	18.9

MAJOR MILESTONE: M-01-00
STATUS FOR END OF MONTH: SEPTEMBER 1992

DOE DIRECTOR: G. H. Sanders

MANAGER: J. L. Epstein

BASELINE DATE: December 1996

PROJECTED DATE: TBD

DESCRIPTION:

Completion of 14 Grout Campaigns

PAST DUE OR SUPPORTING INTERIM MILESTONE(S) FOR NEXT 12 MONTHS

<u>MILESTONE</u>	<u>DESCRIPTION</u>	<u>BASELINE</u>	<u>PROJECTED *</u>
M-01-02A	Initiate construction of vaults 106-109	11/92	TBD
M-01-01A	Complete and verify 2 campaigns of double-shell tank waste. (This includes one campaign of phosphate-sulfate waste.)	09/93	10/94

* Projected dates reflect TPA change request M-01-92-01A

ACCOMPLISHMENTS

- o The integrated schedule was stasured for month of August
- o Peer review of the draft WHC-SD-WM-ER-151, Grout Facility Hydrogen Safety Engineering Report has been completed. This data will be discussed with Ecology in a technical meeting planned for 10/6/92.
- o Planning efforts for the re-hydro of vault 103 are proceeding.
- o A TPA change request has been submitted to the regulators to rescope Grout milestones.
- o Four Grout Training Certification Manuals are complete; five operators and three managers are certified on the Dry Material Facility (DMF) Operator Certification.
- o Modeling activities related to hydraulic properties for grout systems components and preliminary predictions of grout vault cracking have been completed.

PLANNED ACTION(S) FOR NEXT 6 MONTHS

- o Vault work is focused on fabrication of cover blocks for leachate pits and installation of piping and piping support between the grout facility and the vaults.
- o Continue development of resource loaded integrated schedules

- 9 2 1 2 7 5 7 1 1 1 5
- o Submit Westinghouse Hanford approved Performance Assessment Base Case to RL.
 - o Continue work on Double Shell Tank Vault Closure Plan which includes a section addressing the impacts of gas generation/mitigation.
 - o Continue developing non-destructive testing techniques associated with vault 102.

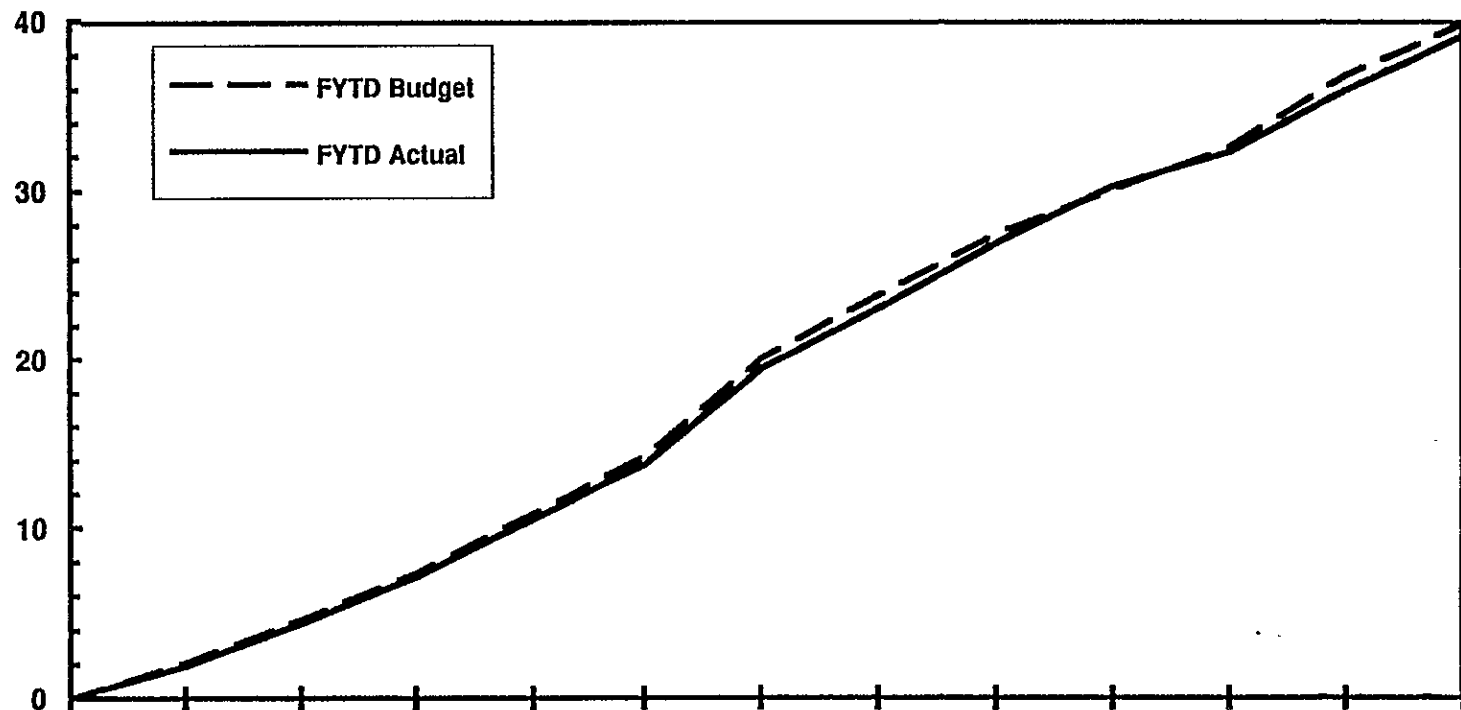
MILESTONE STATUS/PROBLEMS/ISSUES

- o Rework on Performance Assessment (HQ Peer Review Panel Comments/Recommendations) has had a major impact on resources and meeting of milestones. This rework is the major driver for delaying Grout TPA milestones.
- o Hydration heat and the time necessary to pour a grout campaign to assure a "good" grout may impact the timely completion of grout milestones.
- o NRC delay in reaching a decision on the Washington State and Oregon petition for HLW is creating program planning uncertainties.
- o Given the issues before the TPA signatories on the Hanford Grout Disposal Program (HEDP), and with respect to M-01-02A and TPA change request M-01-92-01A, it is unwise to spend scarce manhours or funds on M-01-02A efforts until such time as those issues are resolved. DOE will request a waiver to M-01-02A until agreement is reached on HEDP issues.
- o The startup of the Grout Treatment Facility and the initiation of grout vault 102 filling in time to meet the M-01-01A milestone (Complete and verify two campaigns of double shell tank waste by 1993) is highly unlikely.

9 2 1 2 7 7 1 1 7

MILESTONE M-01-00 FY 1992

\$ Millions



	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FYTD Budget	2.1	4.6	7.3	10.8	14.2	20.0	23.8	27.4	30.0	32.5	36.8	39.8
FYTD Actual	1.9	4.4	7.1	10.5	13.7	19.4	23.0	26.9	30.2	32.2	35.9	39.1
Spending Var	0.2	0.2	0.2	0.3	0.5	0.6	0.8	0.5	-0.2	0.3	0.9	0.7

MAJOR MILESTONE: M-02-00
STATUS FOR END OF MONTH: SEPTEMBER 1992

DOE DIRECTOR: Leif Erickson

MANAGER: W. C. Miller

BASELINE DATE: TBD

PROJECTED DATE: TBD

DESCRIPTION:

Initiate pretreatment of double-shell tank (DST) waste

Double-shell tank waste pretreatment is required prior to disposal of high-activity tank wastes. Pretreatment supports the removal, treatment, and final disposal of wastes subject to land disposal restrictions stored in DSTs. Removal of the wastes from the DSTs and disposal in grout or glass will allow DST space to be made available for single-shell tank waste.

PAST DUE OR SUPPORTING INTERIM MILESTONE(S) FOR NEXT 12 MONTHS

<u>MILESTONE</u>	<u>DESCRIPTION</u>	<u>BASELINE</u>	<u>PROJECTED</u>
M-02-03	Submit tank waste remediation system baseline scope, cost, and schedule	08/31/93	08/31/93
M-02-05	Incorporate additional interim milestones to support pretreatment of double-shell tank waste	08/31/93	08/31/93

ACCOMPLISHMENTS

- o Made substantial including progress in the development of plans and schedules for Fiscal Year 1993 retrieval and pretreatment work scope supporting the M-02-00 milestone, as part of the TWRS Fiscal Year Work Plan.

PLANNED ACTION(S) FOR NEXT 6 MONTHS

- o Complete development of plans and resource loaded schedules for waste retrieval and pretreatment, as part of TWRS rebaselining.
- o Prepare a retrieval program plan and technology development plans for retrieval and pretreatment.
- o Complete a study to establish the near-term DST/SST retrieval sequence in support of pretreatment of tank wastes.
- o Complete an engineering study on waste pretreatment feed optimization (blending).
- o Complete an engineering study to identify preferred waste treatment processes (including cesium ion exchange) and facility configuration for

the tank safety treatment module, to support resolution of watch list tank safety issues and for pretreatment for low level waste disposal.

MILESTONE STATUS/PROBLEMS/ISSUES

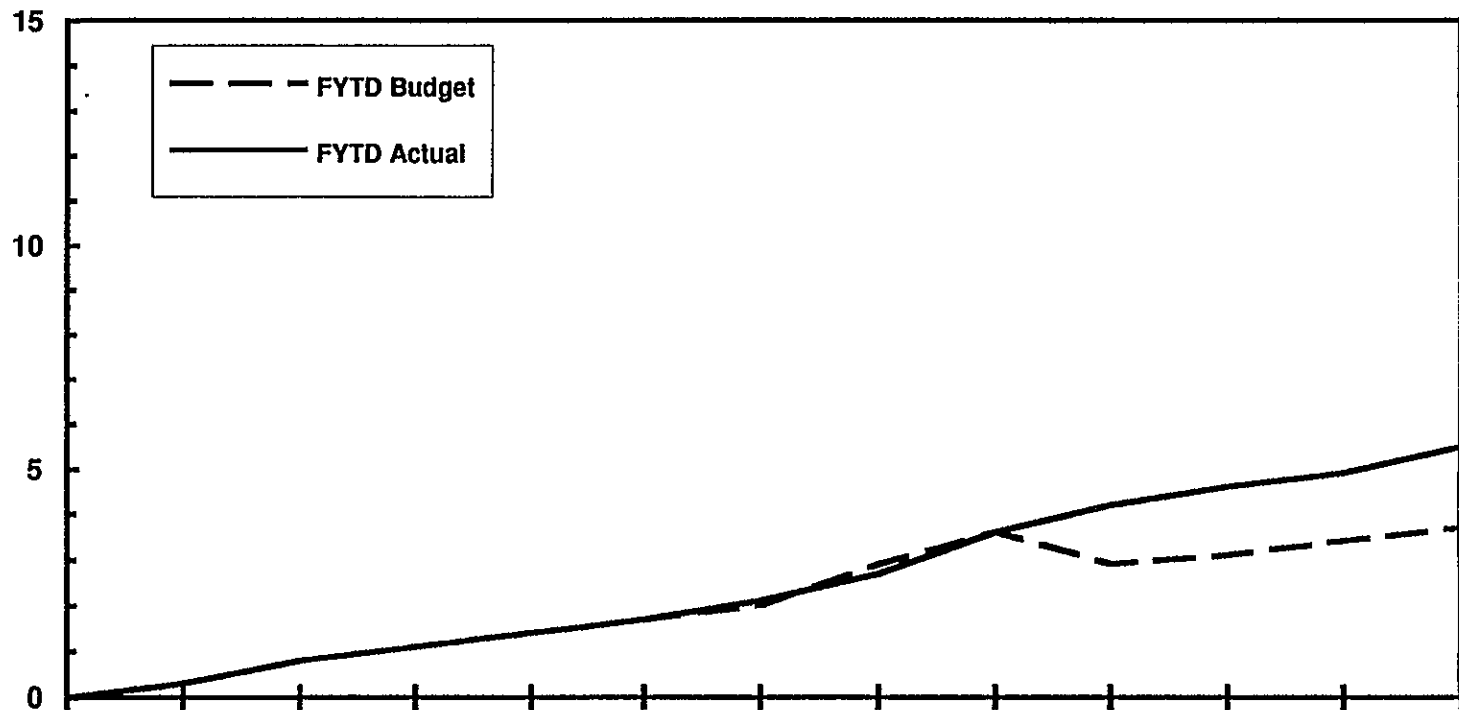
- o Resource loaded schedules demonstrating ability to meet established milestones are not yet complete.

9 2 1 2 7 7 1 1 1 9

9 2 1 2 7 1 7 1 1 2 0

MILESTONE M-02-00 FY 1992

\$ Millions



	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FYTD Budget	0.3	0.8	1.1	1.4	1.7	2.0	2.9	3.6	2.9	3.1	3.4	3.7
FYTD Actual	0.3	0.8	1.1	1.4	1.7	2.1	2.7	3.6	4.2	4.6	4.9	5.5
Spending Var	0.0	0.0	0.0	0.0	0.0	-0.1	0.2	0.0	-1.3	-1.5	-1.5	-1.8

Variance Explanation: Funding allocated to this milestone was increased to \$6.2M in Financial Plan #12, consistent with prior expectations.

MAJOR MILESTONE: M-03-00
STATUS FOR END OF MONTH: SEPTEMBER, 1992

DOE DIRECTOR: R. W. Brown

MANAGER: R. A. Smith

BASELINE DATE: December 1999

PROJECTED DATE: December 1999

DESCRIPTION:

Initiate Hanford Waste Vitrifaction Plant (HWVP) Operations

PAST DUE OR SUPPORTING INTERIM MILESTONE(S) FOR NEXT 12 MONTHS

<u>MILESTONE</u>	<u>DESCRIPTION</u>	<u>BASELINE</u>	<u>PROJECTED</u>
M-03-04	Initiate construction of the Canister Storage Bldg or Multi-Purpose Storage Complex	02/93	02/93
M-03-05	Initiate construction of the Vitrifaction Bldg foundation	03/93	03/93

ACCOMPLISHMENTS

- o Site preparation in support of initiation of construction on Vitrifaction Building foundation (3/93) and the Canister Storage Building (2/93) is continuing.
- o Detail Design is continuing (47% complete)

PLANNED ACTION(S) FOR NEXT 6 MONTHS

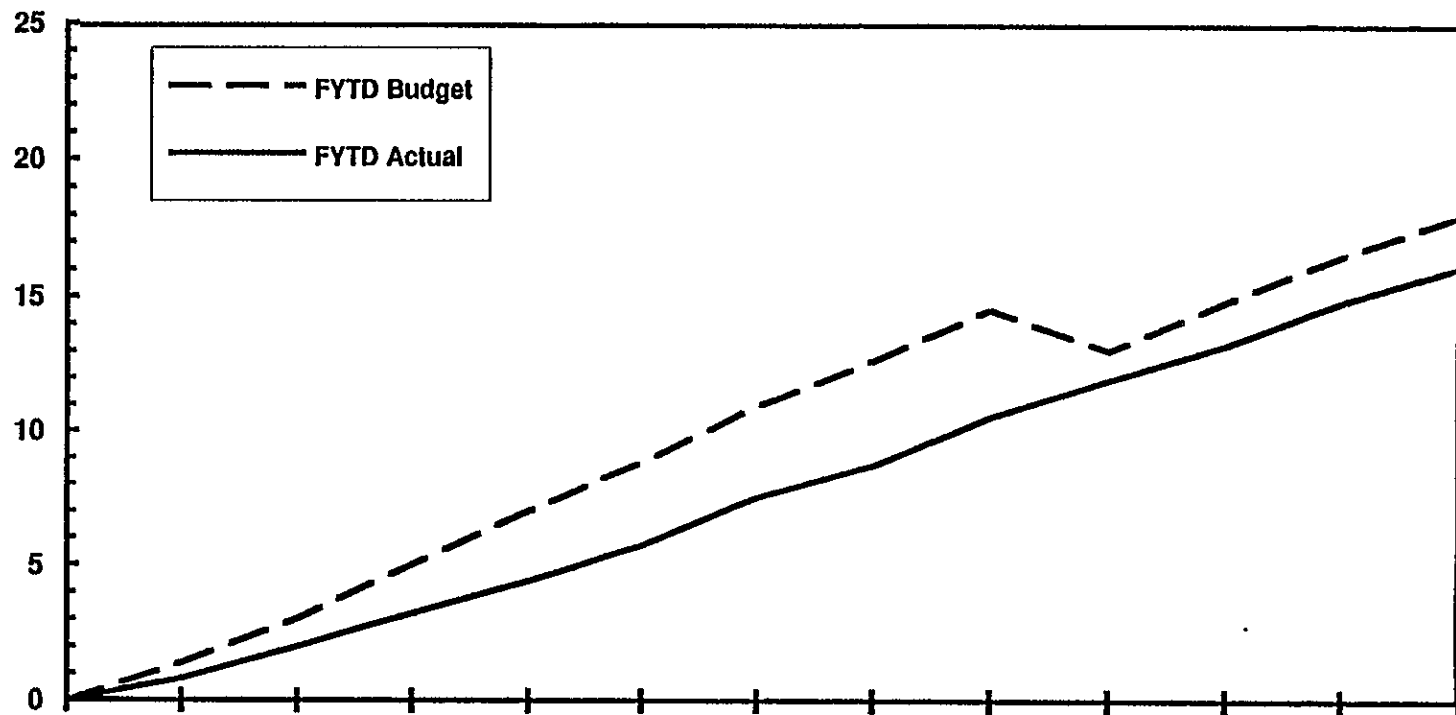
- o Issue HWVP Applied Technology Plan in October 1992.
- o Start excavation for the Canister Storage Building

MILESTONE STATUS/PROBLEMS/ISSUES

- o TWRS program rebaselining including uncertainties associated with pretreated feed for the HWVP Project is undergoing evaluation.
- o Key Decision 3B, Approval to Commence Construction, must be received in November 1992 to be able to satisfy interim milestones M-03-04 and M-03-05.

MILESTONE M-03-00 FY 1992

\$ Millions



	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FYTD Budget	1.4	3.0	5.0	7.0	8.8	10.9	12.6	14.5	13.0	14.8	16.5	18.0*
FYTD Actual	0.8	2.0	3.2	4.4	5.7	7.5	8.7	10.5	11.9	13.2	14.8	16.1
Spending Var	0.6	1.0	1.8	2.6	3.1	3.4	3.9	4.0	1.1	1.6	1.7	1.9

Variance Explanation: The majority of the variance is due to understaffing and the associated costs, and delays in contracted activity (contracts, work orders, etc.).

* WHC only expense and line item budgets for FY 1992.

MAJOR MILESTONE: M-04-00
STATUS FOR END OF MONTH: SEPTEMBER 1992

DOE DIRECTOR: Lief Erickson

MANAGER: W. C. Miller

BASELINE DATE: September 30, 1992

PROJECTED DATE: September 30, 1992

DESCRIPTION:

Provide annual reports of tank waste treatability studies

PAST DUE OR SUPPORTING INTERIM MILESTONE(S) FOR NEXT 12 MONTHS

<u>MILESTONE</u>	<u>DESCRIPTION</u>	<u>BASELINE</u>	<u>PROJECTED</u>
M-04-00D	Provide Annual Report of Tank Waste Treatability Studies	09/93	09/93

ACCOMPLISHMENTS

- o The "Annual Report of Tank Waste Treatability Studies" was completed and submitted to Ecology and the EPA on September 29, 1992. This completes Milestone M-04-00C.

PLANNED ACTION(S) FOR NEXT 6 MONTHS

- o None

MILESTONE STATUS/PROBLEMS/ISSUES

- o None

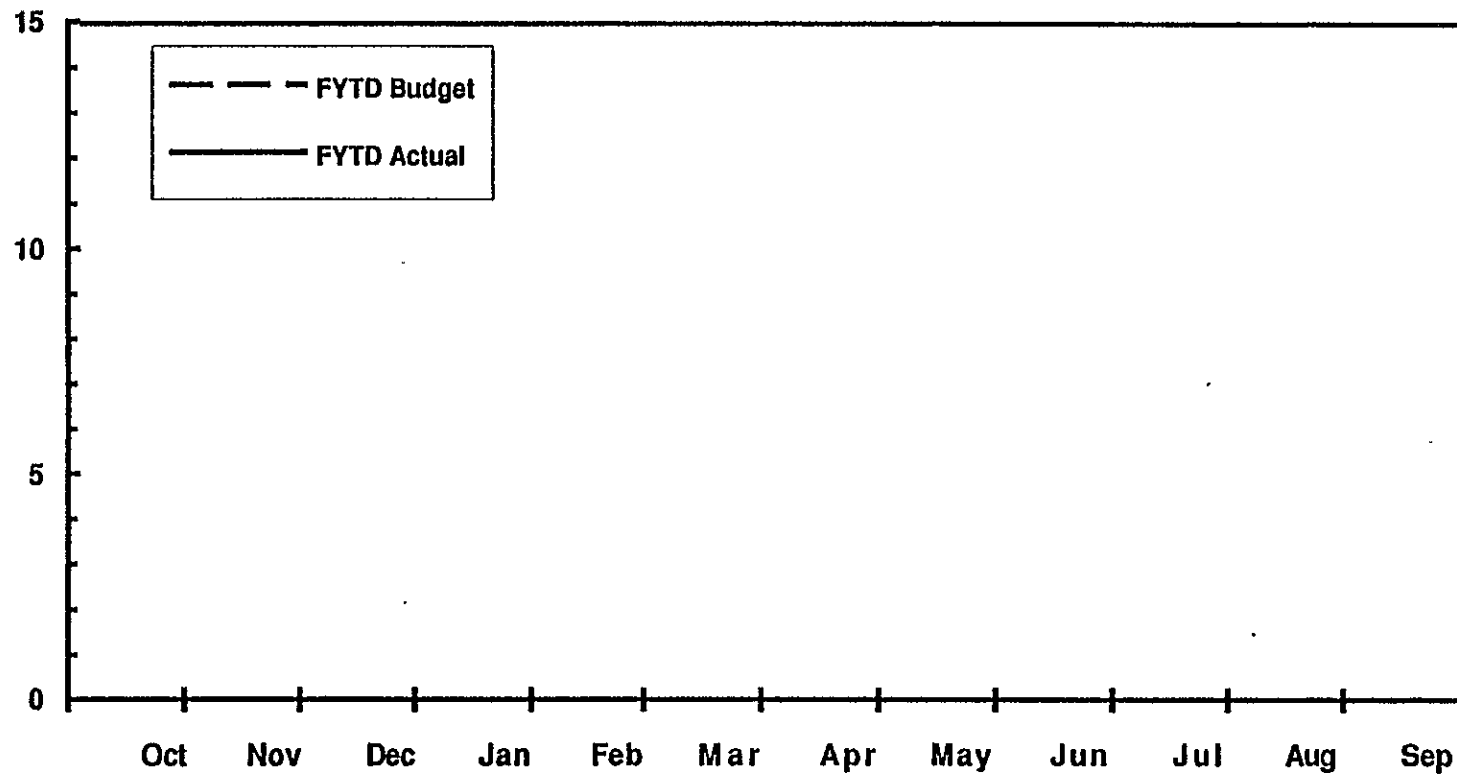
921273

9 2 1 2 7 7 1 1 2 4

MILESTONE M-04-00

FY 1992

\$ Millions



FYTD Budget
FYTD Actual
Spending Var

This workscope is currently not included in a separate cost account.

MAJOR MILESTONE: M-05-00
STATUS FOR END OF MONTH: SEPTEMBER 1992

DOE DIRECTOR: R. E. Gerton

MANAGER: R. E. Raymond

BASELINE DATE: September, 1995

PROJECTED DATE: TBD

DESCRIPTION:

Complete Single-Shell Tank Interim Stabilization

PAST DUE OR SUPPORTING INTERIM MILESTONE(S) FOR NEXT 12 MONTHS

<u>MILESTONE</u>	<u>DESCRIPTION</u>	<u>BASELINE</u>	<u>PROJECTED</u>
M-05-03	Interim stabilization of an additional 4 single-shell tanks	09/91	TBD
M-05-04	Interim stabilization of an additional 9 single-shell tanks	09/92	TBD
M-05-05	Interim stabilization of an additional 11 single-shell tanks	09/93	TBD

ACCOMPLISHMENTS

- o Investigations of high radiation indicators in a dry well near transfer lines for interim stabilization of tanks C-107 and C-110 determined that the transfer lines were not leaking. The lines were flushed causing the radiation levels to be reduced. No contamination was found in the soil.

PLANNED ACTION(S) FOR NEXT 6 MONTHS

- o Meet with regulators and develop a new Tri-Party Agreement change package for FY 1992 and beyond that will include non-watchlist tank stabilizations.
- o Pressure test the transfer lines in C-Farm.
- o Provide to regulators the basis for current water addition practices and status on measures to minimize water additions to tanks C-105 and C-106.
- o Implement monthly psychrometric measurements for increased leak detection capabilities around tanks C-105 and C-106.

MILESTONE STATUS/PROBLEMS/ISSUES

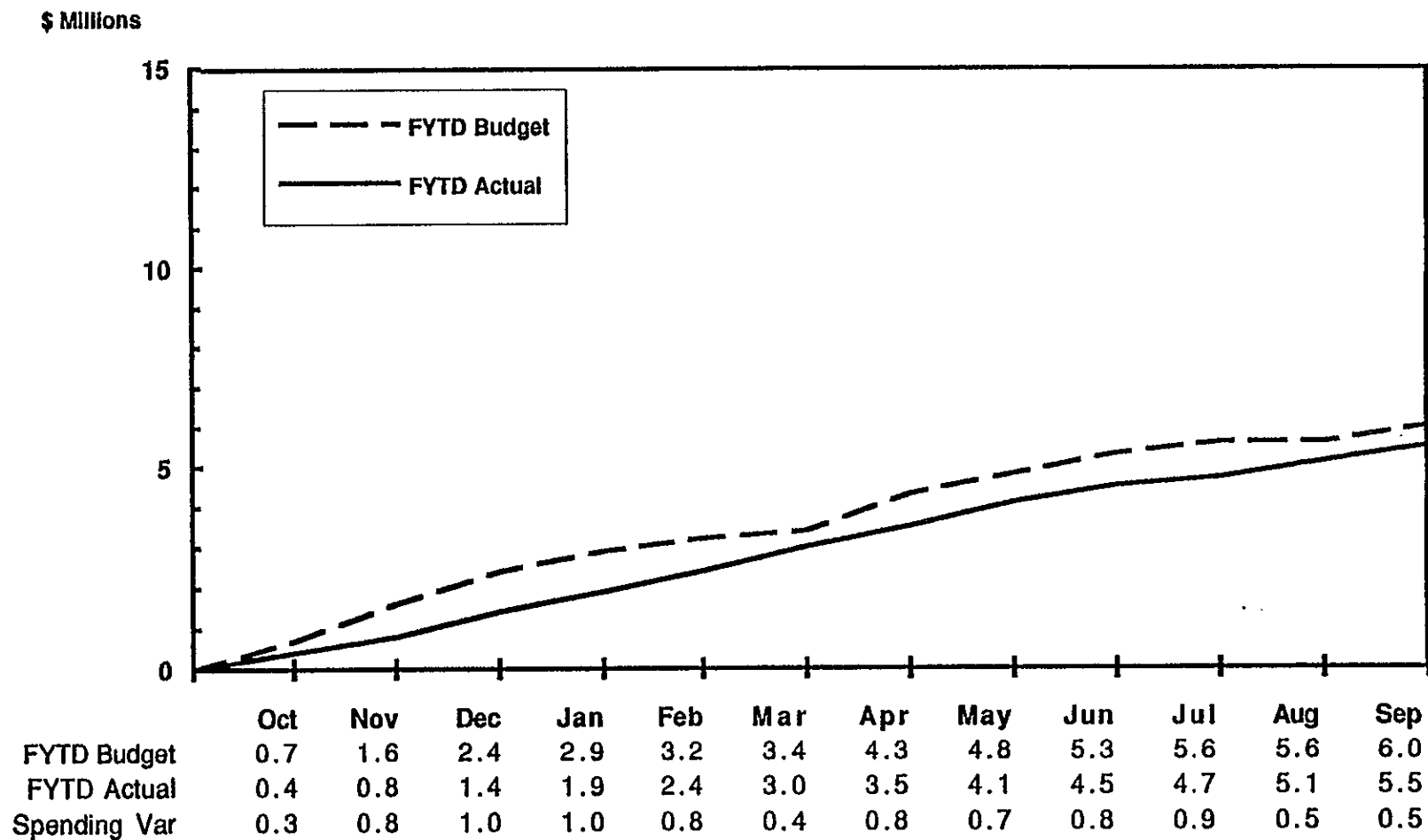
- o A "Creation of Danger," as defined in Article 31 of the Tri-Party Agreement, was declared on January 28, 1992. For personnel safety reasons, a work restriction was placed on all single-shell tank farms, and fresh air is required to operate within the boundaries of three farms. On February 28, 1992, all waste transfers in the 200 Area tank farms were halted due to concerns on fissile material inventory. The cessation on waste transfers continues. The impacts to the Tri-Party Agreement will culminate in a proposed Tri-Party Agreement Change Request.
- o A safety question was raised regarding the hazards associated with removing liquid from single-shell tanks and the potential increases in tank content temperatures resulting from the drying of the wastes. Analyses and studies continue on this question.
- o The FY 1991 stabilization milestone (M-05-03) was missed in Sept. 1991. Conditions in S-Farm and continuing safety concerns make it impossible to meet the baseline FY 1992 milestone (M-05-04). Discussions with the Regulators have commenced, with the intent to arrive at a joint consensus on new schedules for the stabilization program, or to jointly identify a mutually agreeable future for this activity. A change package requesting an extension of milestone M-05-04 while these discussions continue was submitted to the regulators. This change request has been denied.
- o Tank Farm vapor issues continued as a Priority 1 safety item.

92127571126

9 2 1 2 7 5 7 1 1 3 7

MILESTONE M-05-00

FY 1992



MAJOR MILESTONE: M-06-00
STATUS FOR END OF MONTH: SEPTEMBER 1992

DOE DIRECTOR: L. Erickson

MANAGER: W. C. Miller

BASELINE DATE: June, 1994

PROJECTED DATE: June, 1994

DESCRIPTION:

Develop single-shell tank waste retrieval technology and complete scale-model testing

PAST DUE OR SUPPORTING INTERIM MILESTONE(S) FOR NEXT 12 MONTHS

<u>MILESTONE</u>	<u>DESCRIPTION</u>	<u>BASELINE</u>	<u>PROJECTED</u>
------------------	--------------------	-----------------	------------------

NONE

ACCOMPLISHMENTS

- o Conducted a demonstration initiating waste retrieval technology testing, thereby completing Interim Milestone M-06-02.

PLANNED ACTION(S) FOR NEXT 6 MONTHS

- o Continue robotic test-bed testing and development, to define prototype retrieval system performance requirements. Upgrades to the robotics system and test bed will continue towards meeting the major milestone. These upgrades will include enhancement of robotic test-bed, simplified controls, and realistic dislodging and conveyance equipment.
- o Define, specify, and select options for waste dislodging and conveyance test units.
- o Discuss with the regulators the milestone completion definition plan.

MILESTONE STATUS/PROBLEMS/ISSUES

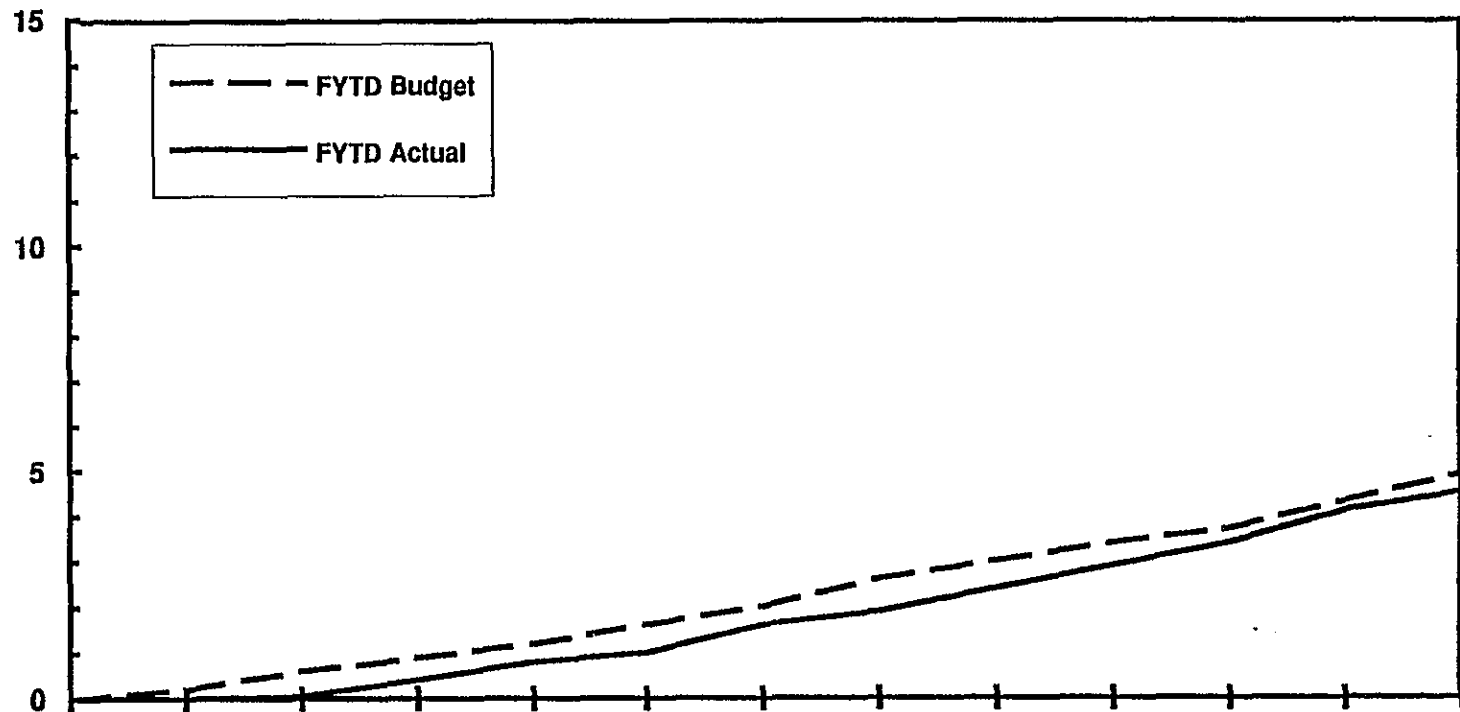
- o This milestone is on schedule.

92127171128

9 2 1 2 7 3 7 1 1 2 9

MILESTONE M-06-00 FY 1992

\$ Millions



	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FYTD Budget	0.2	0.6	0.9	1.2	1.6	2.0	2.6	3.0	3.4	3.7	4.3	4.9
FYTD Actual	N/A	0.06	0.4	0.8	1.0	1.6	1.9	2.4	2.9	3.4	4.1	4.5
Spending Var	N/A	0.0	0.5	0.4	0.6	0.4	0.7	0.6	0.5	0.3	0.2	0.4

MAJOR MILESTONE: M-07-00
STATUS FOR END OF MONTH: SEPTEMBER 1992

DOE DIRECTOR: L. Erickson

MANAGER: W. C. Miller

BASELINE DATE: October, 1997

PROJECTED DATE: October 1997

DESCRIPTION:

Initiate full-scale demonstration of waste retrieval technology

PAST DUE OR SUPPORTING INTERIM MILESTONE(S) FOR NEXT 12 MONTHS

<u>MILESTONE</u>	<u>DESCRIPTION</u>	<u>BASELINE</u>	<u>PROJECTED</u>
M-07-01	Submit SST selection criteria retrieval options and recommend tank selection to Ecology for concurrence.	10/93	01/93
M-07-02	Ecology concurrence/non-concurrence of SST selection criteria, retrieval options, and tank selection.	12/93	03/93

ACCOMPLISHMENTS

- o A draft plan on SST selection criteria and retrieval options leading to M-07-01 (due 10/93) has been developed and is in review at RL prior to submitting the plan to the regulators.

PLANNED ACTION(S) FOR NEXT 6 MONTHS

- o Submit the tank selection criteria required by milestone M-07-01. Ecology then has two months to provide comments to the criteria and to concur with the recommended tank (M-07-02).
- o Develop a detailed plan for M-07-00 achievement, integrated with M-06-00 and the Underground Storage Tank Integrated Demonstration activities. Propose revisions to the M-07 interim milestones based on the detailed schedules.
- o Complete preliminary analyses on potential leaks from 241-C-106 during sluicing retrieval of the waste. Review the results of this work with regulators.

MILESTONE STATUS/PROBLEMS/ISSUES

- o The preliminary strategy for SST retrieval includes two reference technologies, sluicing and long-reach manipulator systems. The retrieval demonstration under M-07 will be initiated with sluicing technology. Significant development work is required prior to deployment of additional retrieval technologies. The long-reach manipulator system (or alternate technology) will be deployed to complete the retrieval demonstration if sluicing cannot achieve the 95% waste retrieval criteria for the M-07 demonstration.

If sluicing is not accepted for the M-07 retrieval demonstration, this milestone may require a TPA change request because of a lack of available commercial technology, multi-year development efforts, and procurement lead time restrictions.

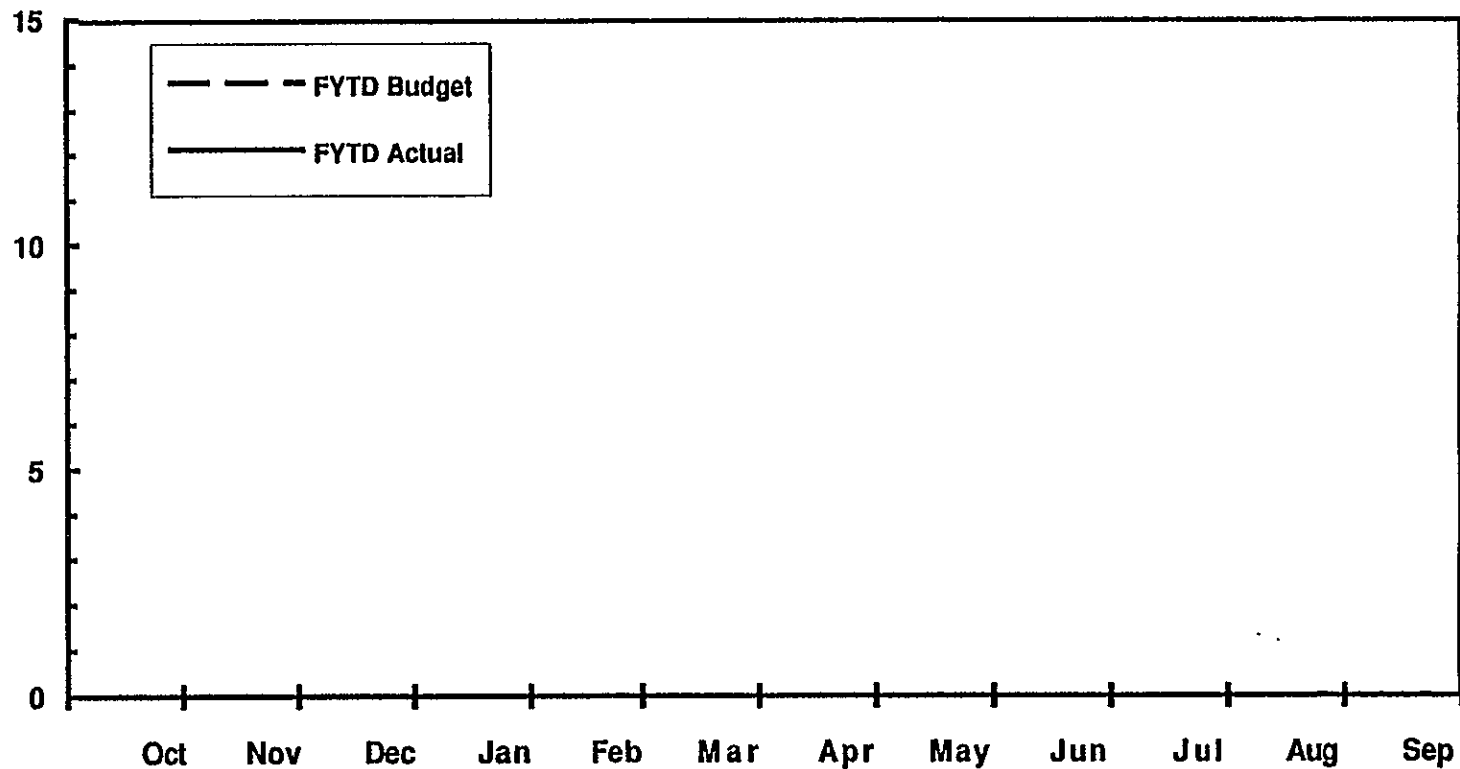
9 2 1 2 7 7 1 0 3 1

9 2 1 2 7 1 7 1 1 3 2

MILESTONE M-07-00

FY 1992

\$ Millions



FYTD Budget
FYTD Actual
Spending Var

Support for this milestone will be determined upon approval of the Hanford Site Tank Waste Disposal Strategy Implementation Plan.

MAJOR MILESTONE: M-08-00
STATUS FOR END OF MONTH: SEPTEMBER 1992

DOE DIRECTOR: L. Erickson

MANAGER: W. C. Miller

BASELINE DATE: June, 2004

PROJECTED DATE: June, 2004

DESCRIPTION:

Initiate full-scale tank farm closure demonstration project

PAST DUE OR SUPPORTING INTERIM MILESTONE(S) FOR NEXT 12 MONTHS

<u>MILESTONE</u>	<u>DESCRIPTION</u>	<u>BASELINE</u>	<u>PROJECTED</u>
NONE			

ACCOMPLISHMENTS

o No significant accomplishments this month.

PLANNED ACTIONS FOR NEXT 6 MONTHS

o No significant accomplishments planned for this period.

MILESTONE STATUS/PROBLEMS/ISSUES

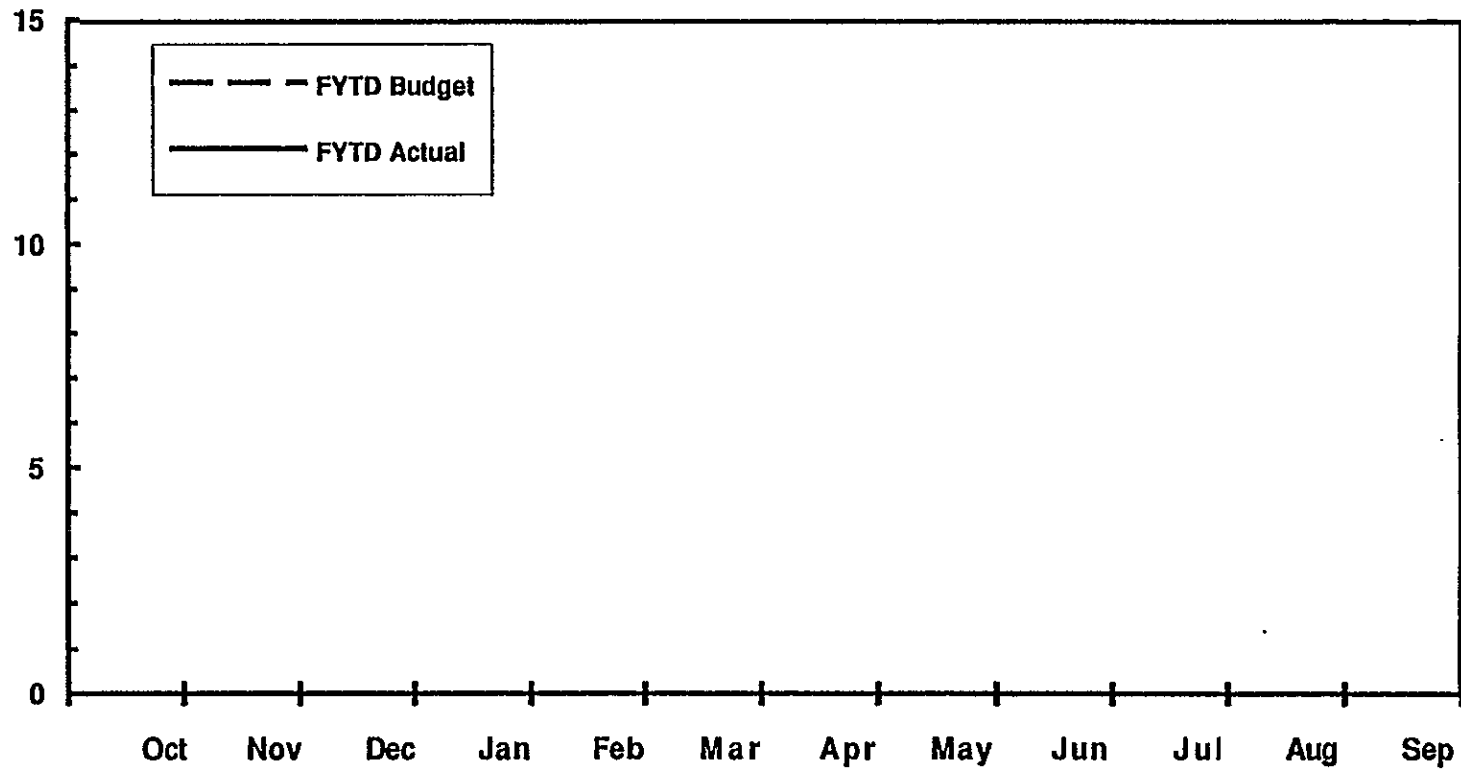
o This milestone is on schedule.

9 2 1 2 7 3 4 1 3 3

MILESTONE M-08-00

FY 1992

\$ Millions



FYTD Budget
FYTD Actual
Spending Var

Work in support of this milestone will not begin in FY 1992.

MAJOR MILESTONE: M-09-00
STATUS FOR END OF MONTH: SEPTEMBER 1992

DOE DIRECTOR: E. A. Bracken

MANAGER: R. J. Wojtasek

BASELINE DATE: June, 2018

PROJECTED DATE: June, 2018

DESCRIPTION:

Complete closure of all 149 single-shell tanks

PAST DUE OR SUPPORTING INTERIM MILESTONE(S) FOR NEXT 12 MONTHS

<u>MILESTONE</u>	<u>DESCRIPTION</u>	<u>BASELINE</u>	<u>PROJECTED</u>
NONE			

ACCOMPLISHMENTS

- o The final draft Notice of Intent (NOI) for the Tank Waste Remediation System (TWRS) Environmental Impact Statement (TWRS-EIS) is still in the DOE approval cycle. It is awaiting signature of the Assistant Secretary for Environment, Safety and Health. Comments from Ecology have been received. Comment incorporation is in process, with a projected publication date of late November 1992.

PLANNED ACTION(S) FOR NEXT 6 MONTHS

- o Redefine Single-shell tank waste disposal strategy under the Tank Waste Remediation System Decision Plan.
- o Issue to the Federal Register a NOI for the TWRS-EIS for tank remediation at the Hanford Site.

MILESTONES STATUS/PROBLEMS/ISSUES

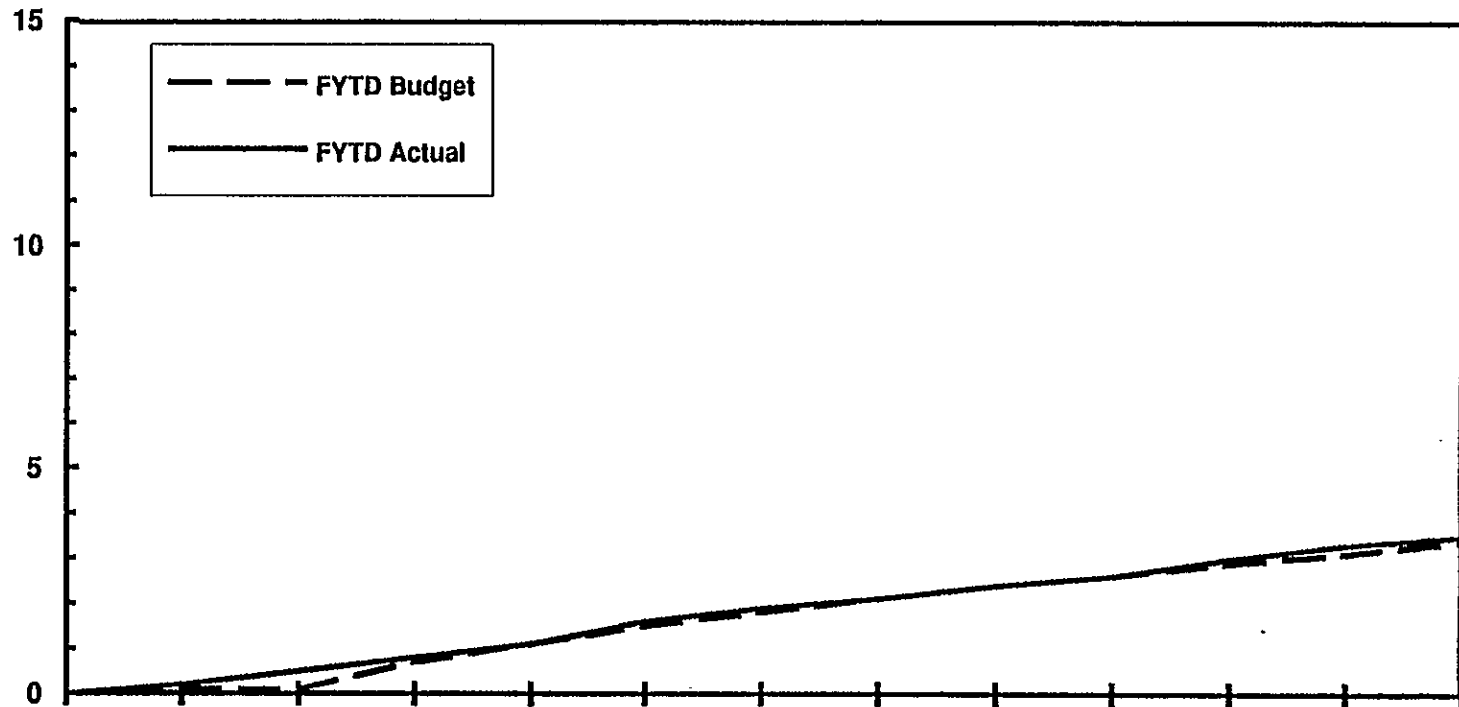
- o This milestone is on schedule; however, it may be in jeopardy unless pre-closure activities can be accelerated. The activities requiring acceleration include: SEIS ROD preparation, SST Waste and Field Characterization, Technology Development, and concurrent permitting with facility design.
- o Issued the field characterization work plan to support GAO Audit item (GAO-RCED-89-157) to the regulators in August 1992. Ecology now believes they have right of approval to the work plan and are potentially stopping work (projected to start on October 1, 1992).

9 2 1 2 7 : 7 1 1 3 6

MILESTONE M-09-00

FY 1992

\$ Millions



	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FYTD Budget	0.1	0.1	0.7	1.1	1.5	1.8	2.1	2.4	2.6	2.9	3.1	3.4
FYTD Actual	0.2	0.5	0.8	1.1	1.6	1.9	2.1	2.4	2.6	3.0	3.3	3.5
Spending Var	-0.1	-0.4	-0.1	0.0	-0.1	-0.1	0.0	0.0	0.0	-0.1	-0.2	-0.1

MAJOR MILESTONE: M-10-00
STATUS FOR END OF MONTH: SEPTEMBER 1992

DOE DIRECTOR: R. E. Gerton

MANAGER: J. G. Propson

BASELINE DATE: September, 1998

PROJECTED DATE: September, 1998

DESCRIPTION:

Complete analyses of at least two complete core samples from each single-shell tank

PAST DUE OR SUPPORTING INTERIM MILESTONE(S) FOR NEXT 12 MONTHS

<u>MILESTONE</u>	<u>DESCRIPTION</u>	<u>BASELINE</u>	<u>PROJECTED</u>
M-10-13 T2	Complete R&D and installation of both the hard salt cake sampler and the improved hydrostatic balance system	12/92	12/92
M-10-07	Obtain 24 core samples from 12 single-shell tanks	09/93	09/93
M-10-13	Restore rotary mode sampling capability at the Hanford Site	09/93	09/93

ACCOMPLISHMENTS

- o The three parties have negotiated a change package to the rotary mode sampling development interim milestone (M-10-13), and its related target milestone (M-10-13-T02), delaying the milestones until September 1993 and December 1992 respectively. Technical issues caused delays in the program.
- o All twenty cores from single-shell tanks have been taken completing the FY 1992 Milestone M-10-06 (20 cores required).

PLANNED ACTION(S) FOR NEXT 6 MONTHS

- o Continue rotary mode sampling design and implementation.
- o Issue the Tank Waste Remediation (TWR) Waste Characterization Plan. This rewrite of the SST Waste Characterization Plan will incorporate all TWR requirements into a single plan.
- o Commence discussions with the Regulators to accommodate unaccounted-for cores in the major milestone and to address tank waste remediation efforts. Interim milestones M-10-07 through M-10-12 will be affected.

MILESTONE STATUS/PROBLEMS/ISSUES

- o The major milestone is on schedule; however, interim milestones M-10-07 through M-10-12 are in jeopardy.

9 2 1 2 7 7 1 3 7

- o The core sampling capability currently exceeds the analytical throughput and reporting capabilities of the laboratories. Facility and equipment upgrades are in process to improve the throughput and reporting capabilities. Studies are being conducted to determine an approach that would be most beneficial to the overall program and to specify what relief and/or modifications to the agreement may be required.

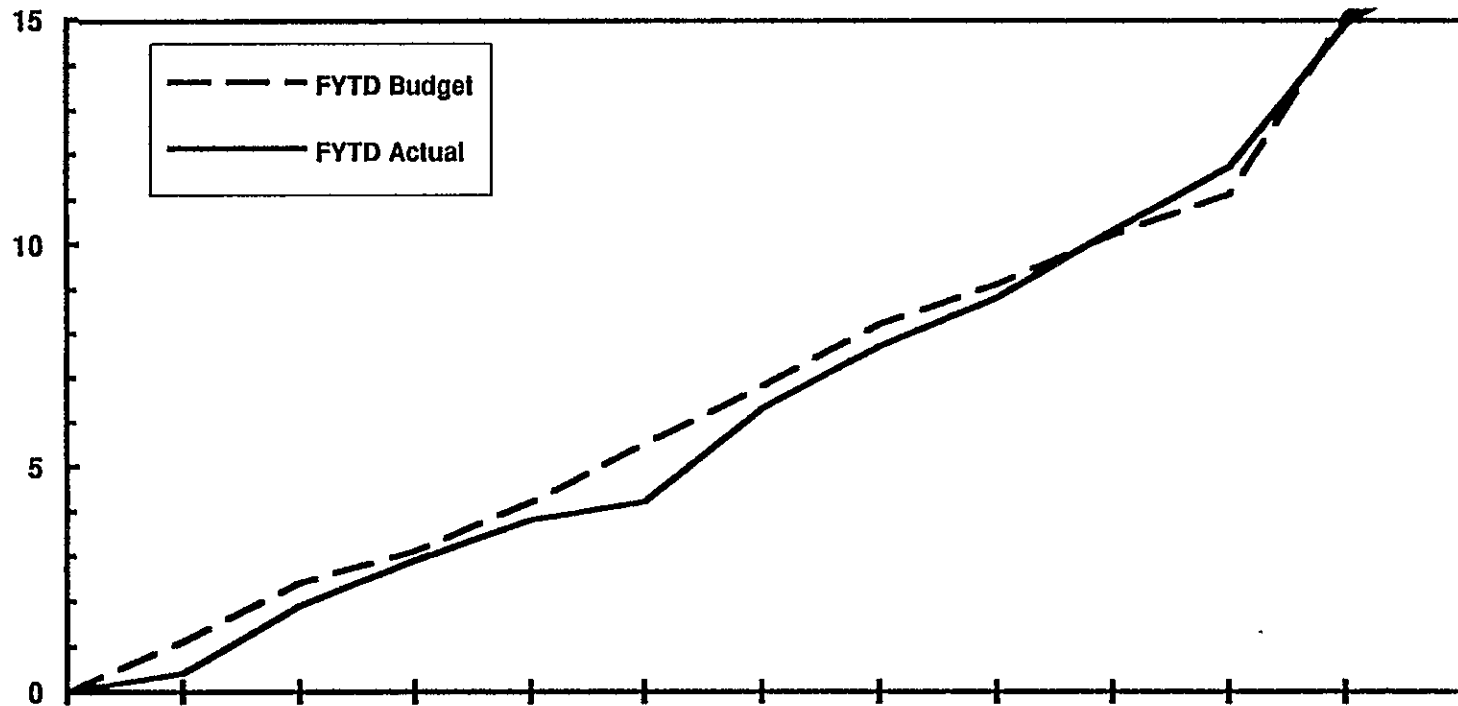
92127571138

9 2 1 2 7 7 1 1 3 9

MILESTONE M-10-00

FY 1992

\$ Millions



	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FYTD Budget	1.1	2.4	3.1	4.2	5.5	6.8	8.2	9.1	10.2	11.1	15.1	16.5
FYTD Actual	0.4	1.9	2.9	3.8	4.2	6.3	7.7	8.8	10.3	11.7	14.9	16.4
Spending Var	0.7	0.5	0.2	0.4	1.3	0.5	0.5	0.3	-0.1	-0.6	0.2	0.1

MAJOR MILESTONE: M-11-00
STATUS FOR END OF MONTH: SEPTEMBER 1992

DOE DIRECTOR: J. M. Hennig

MANAGER: M. L. Bell

BASELINE DATE: June 1994

PROJECTED DATE: June 1994

DESCRIPTION:

Complete construction and initiate operations of expanded laboratory hot cells for high-level radioactive mixed waste

PAST DUE OR SUPPORTING INTERIM MILESTONE(S) FOR NEXT 12 MONTHS

<u>MILESTONE</u>	<u>DESCRIPTION</u>	<u>BASELINE</u>	<u>PROJECTED</u>
NONE			

ACCOMPLISHMENTS

- o Started construction on 222-S expansion for new hot cells. Poured building footings and stem walls. Started buried pipe and duct fabrication.

PLANNED ACTION(S) FOR NEXT 6 MONTHS

- o Continue W-041H construction activities.
- o Complete contract award for Project W-001.

MILESTONE STATUS/PROBLEMS/ISSUES

- o The required date for authorization of additional funding for "Project W-001, 222-S Ventilation and Electrical System Upgrade" was extended from August 1992 to January 1993. This extension of the funding date (which also prevents a delay in the startup of the hot cell expansion) was made possible by lower than expected construction bids. The reprogramming request was sent to Congress by the Office of Management and Budget.

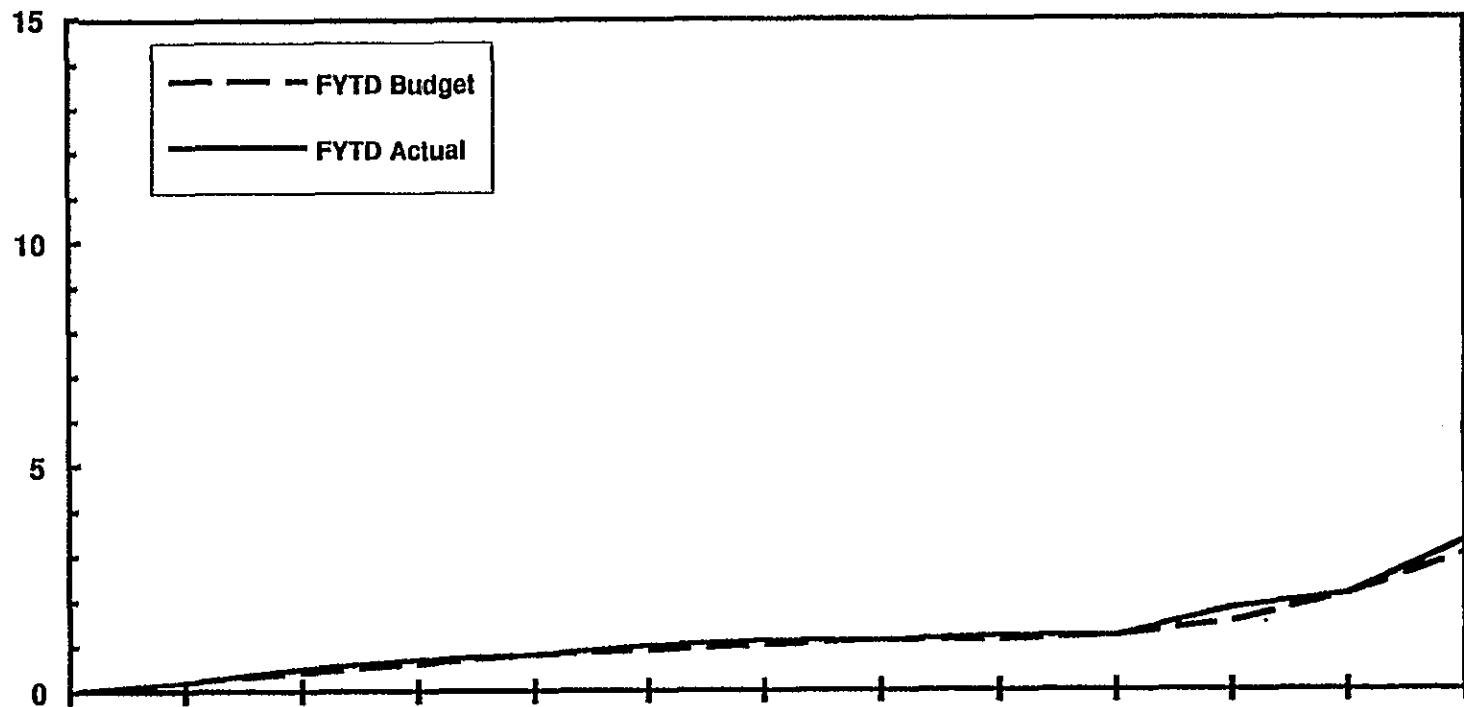
9212710

9 2 1 2 7 5 7 1 1 3 1

MILESTONE M-11-00

FY 1992

\$ Millions



	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FYTD Budget	0.2	0.4	0.6	0.8	0.9	1.0	1.1	1.1	1.2	1.5	2.1	3.0
FYTD Actual	0.2	0.5	0.7	0.8	1.0	1.1	1.1	1.2	1.2	1.8	2.1	3.3
Spending Var	0.0	-0.1	-0.1	0.0	-0.1	-0.1	0.0	-0.1	0.0	-0.3	0.0	-0.3

MAJOR MILESTONE: M-12-00
STATUS FOR END OF MONTH: SEPTEMBER 1992

DOE DIRECTOR: E. A. Bracken

MANAGER: R. D. Wojtasek

BASELINE DATE: June 1992

PROJECTED DATE: COMPLETE

DESCRIPTION:

Submit remedial investigation/feasibility study (RI/FS) and RCRA facility investigation/corrective measures (RFI/CMS) study work plans for 15 operable units (OUs)

PAST DUE OR SUPPORTING INTERIM MILESTONE(S) FOR NEXT 12 MONTHS

<u>MILESTONE</u>	<u>DESCRIPTION</u>	<u>BASELINE</u>	<u>PROJECTED</u>
NONE			

ACCOMPLISHMENTS

- o The 100-KR-4, 100-FR-3, 100-HR-1, 100-DR-1, and 100-HR-3 work plans have been submitted to the regulators for final approval.
- o The 100-FR-1 work plan was approved by the regulators on 9/01/92.

PLANNED ACTION(S) FOR NEXT 6 MONTHS

- o Approval of the 100-KR-4, 100-FR-3, 100-HR-1, 100-HR-3, and 100-DR-1 work plans by the regulators.

MILESTONE STATUS/PROBLEMS/ISSUES

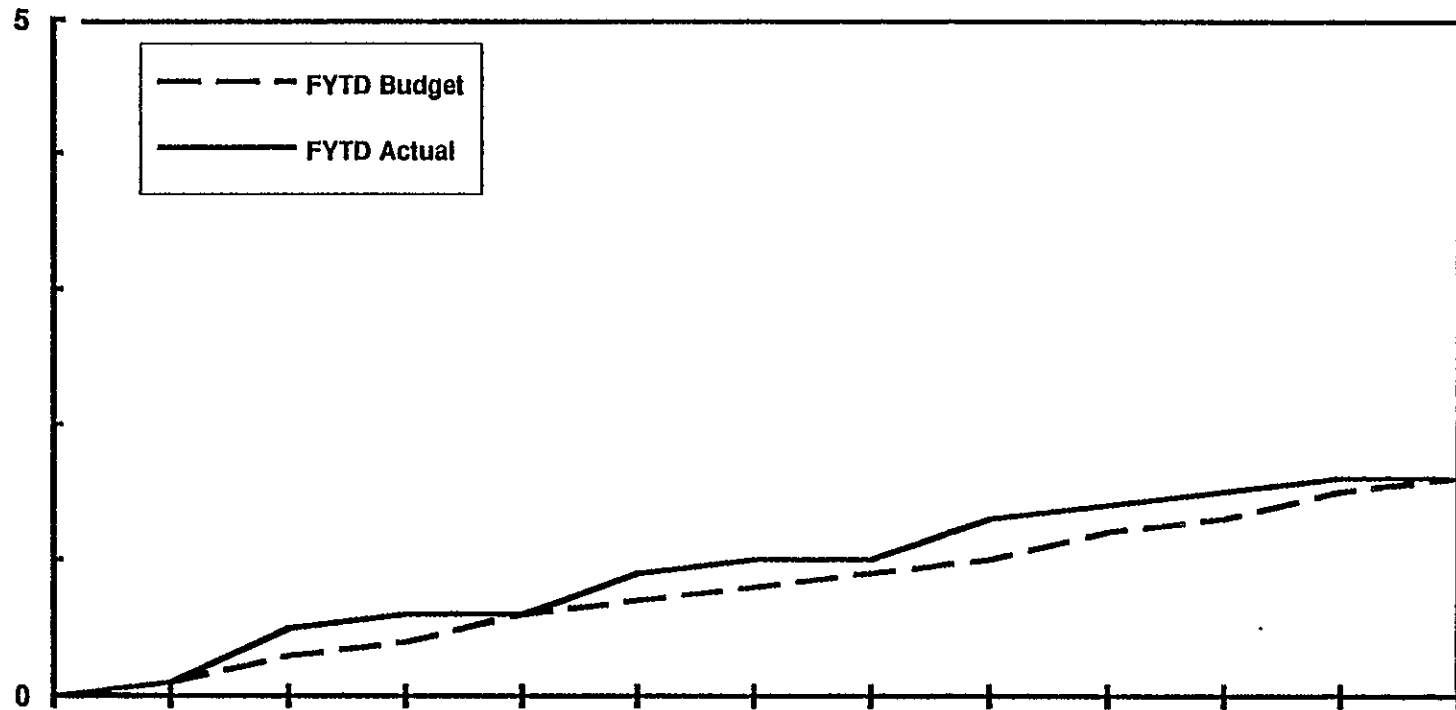
- o 100-NR-1 and 100-NR-2 work plans and schedules are currently in dispute.

9212717112

MILESTONE M-12-00

FY 1992

\$ Millions



	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FYTD Budget	0.1	0.3	0.4	0.6	0.7	0.8	0.9	1.0	1.2	1.3	1.5	1.6
FYTD Actual	0.1	0.5	0.6	0.6	0.9	1.0	1.0	1.3	1.4	1.5	1.6	1.6
Spending Var	0.0	-0.2	-0.2	0.0	-0.2	-0.2	-0.1	-0.3	-0.2	-0.2	-0.1	0.0

MAJOR MILESTONE: M-13-00
STATUS FOR END OF MONTH: SEPTEMBER 1992

DOE DIRECTOR: E. A. Bracken

MANAGER: R. D. Wojtasek

BASELINE DATE: Annual Beginning CY93

PROJECTED DATE: Annual Beginning CY93

DESCRIPTION:

Submit six remedial investigation/feasibility study (RI/FS) or RCRA facility investigation/corrective measures study (RFI/CMS) work plans per year

PAST DUE OR SUPPORTING INTERIM MILESTONE(S) FOR NEXT 12 MONTHS

<u>MILESTONE</u>	<u>DESCRIPTION</u>	<u>BASELINE</u>	<u>PROJECTED</u>
NONE			

ACCOMPLISHMENTS

- o A Change Control Form was submitted to RL on September 25, 1992 proposing the following work plans submittal dates:

Milestone	OP Unit #	Submittal Dates
M-13-01	100-BC-2	02/28/93
M-13-02	200-UP-1	04/30/93
M-13-03	100-HR-2	06/30/93
M-13-04	200-ZP-1	08/31/93
M-13-05	100-DR-2	10/31/93
M-13-06	200-BP-5	12/31/93

PLANNED ACTION(S) FOR NEXT 6 MONTHS

- o Obtain change request approval, and negotiate the operable unit work scope with regulators.
- o Drafting of 100-BC-2 and 200-UP-1 work plans will commence on October 1, 1992

MILESTONE STATUS/PROBLEMS/ISSUES

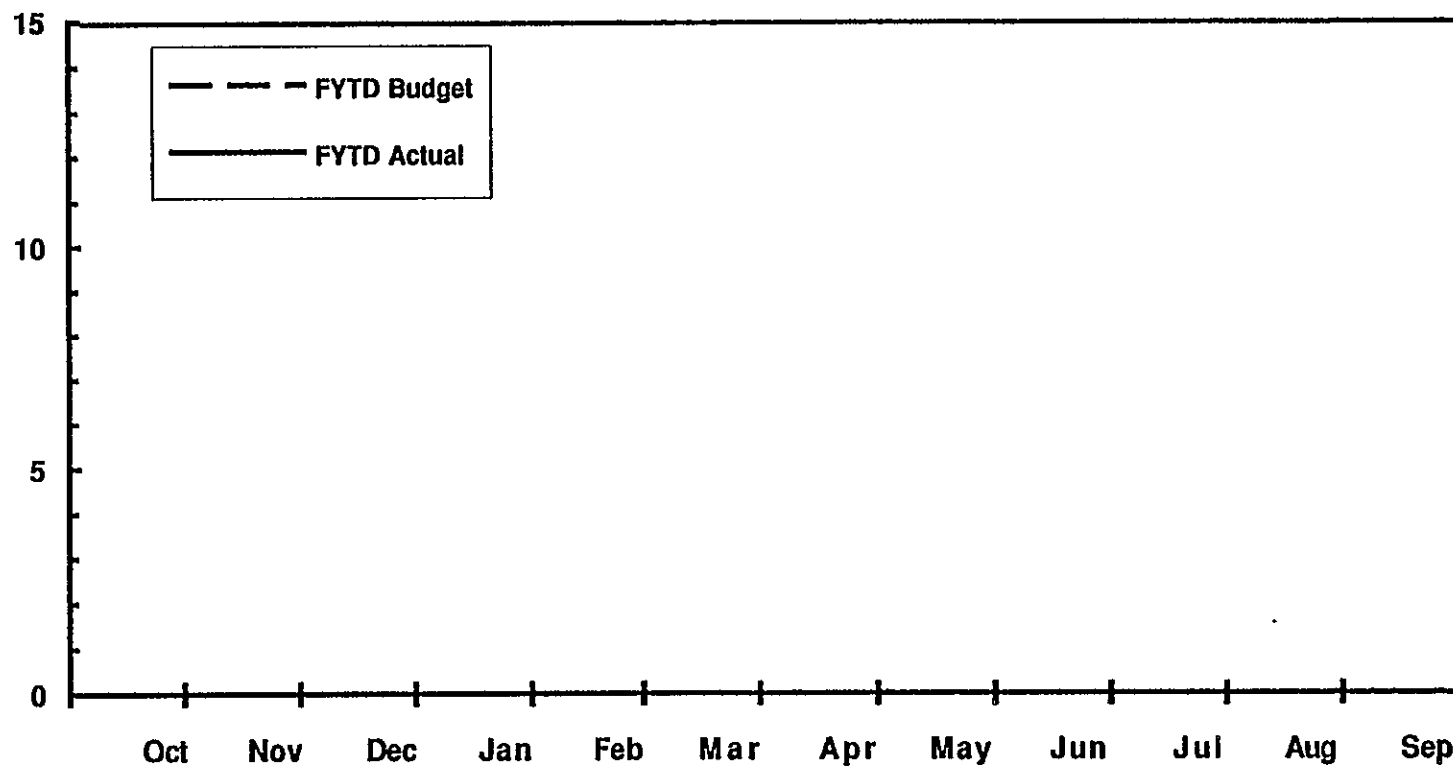
- o This milestone is on schedule, however a decision on which work plans to be worked on must be made by early October in order to issue 100-BC-2 and 200-UP-1 work on schedule.

92127114

MILESTONE M-13-00

FY 1992

\$ Millions



FYTD Budget
FYTD Actual
Spending Var

Work in support of this milestone will not begin in FY 1992.

MAJOR MILESTONE: M-14-00
STATUS FOR END OF MONTH: SEPTEMBER 1992

DOE DIRECTOR: J. M. Hennig

MANAGER: M. L. Bell

BASELINE DATE: January 1992

PROJECTED DATE: In Dispute

DESCRIPTION:

Complete construction and initiate operations of a low-level mixed waste laboratory

PAST DUE OR SUPPORTING INTERIM MILESTONE(S) FOR NEXT 12 MONTHS

<u>MILESTONE</u>	<u>DESCRIPTION</u>	<u>BASELINE</u>	<u>PROJECTED</u>
M-14-00	Complete construction and initiate operations of a low-level mixed waste laboratory	01/92	In Dispute

ACCOMPLISHMENTS

- o Initiated planning activities to perform a treatability evaluation at N-Springs to satisfy the M-14 Dispute Resolution requirement for additional expedited response actions.

PLANNED ACTION(S) FOR NEXT 6 MONTHS

- o Sign agreement for resolution of dispute.

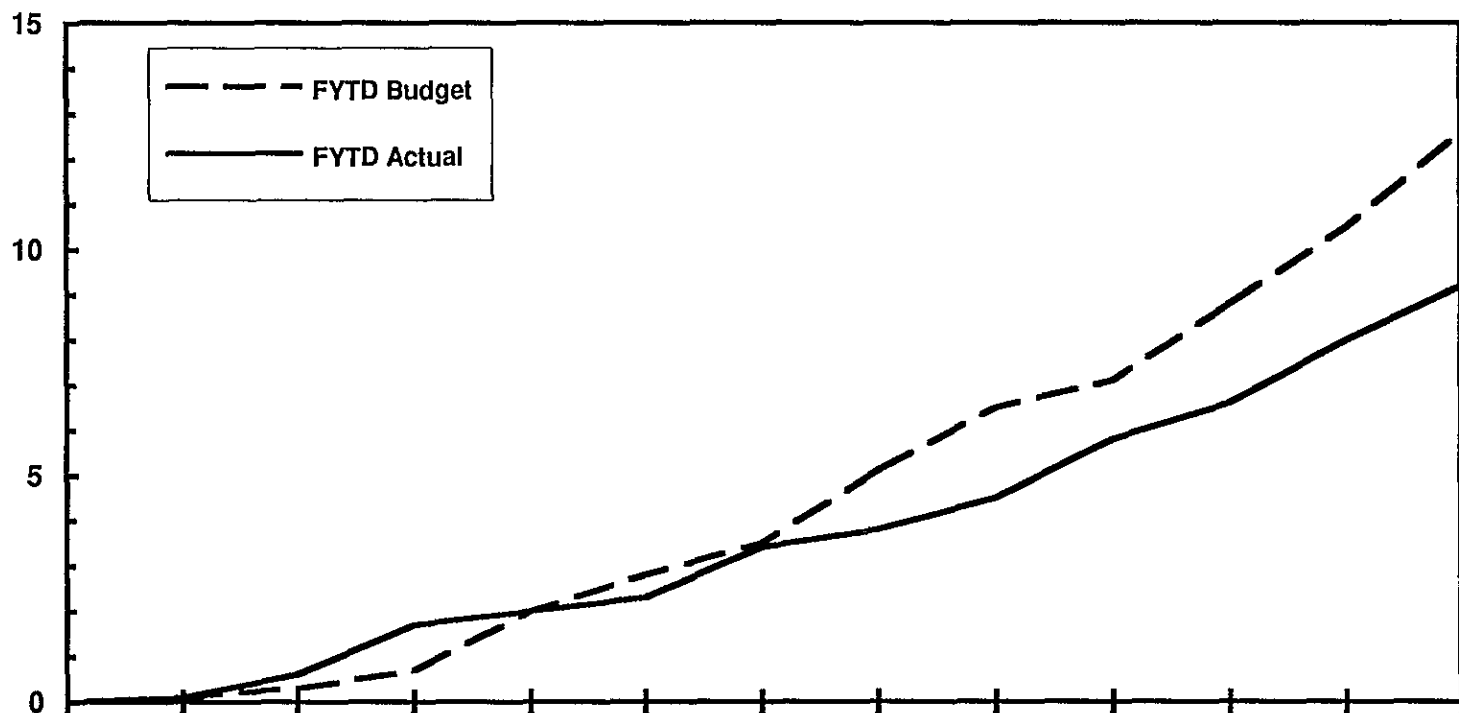
MILESTONE STATUS/PROBLEMS/ISSUES

- o Negotiations to settle the dispute were completed. Key points of the resolution are:
 - A DOE commitment to perform expedited response actions.
 - Continued use of commercial laboratories for the bulk of TPA related analyses.
 - Evaluation of sample turnaround performance for one year (75 days average / 90 days maximum).
 - Operation of the downsized Waste Sampling and Characterization Facility by April 1994.
 - Provision of additional dedicated laboratory facilities, if EPA or Ecology determine that turnaround time requirements are not satisfied.

MILESTONE M-14-00

FY 1992

\$ Millions



	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FYTD Budget	0.1	0.3	0.7	2.0	2.8	3.5	5.1	6.5	7.1	8.8	10.5	12.6
FYTD Actual	0.1	0.6	1.7	2.0	2.3	3.4	3.8	4.5	5.8	6.6	8.0	9.2
Spending Var	0.0	-0.3	-1.0	0.0	0.5	0.1	1.3	2.0	1.3	2.2	2.5	3.4

Variance Explanation: Behind schedule on the laboratory modules, therefore, progress payments are being withheld due to unsatisfactory progress. (No impact to completion date.) Billing lag on payments to the construction contractor are also contributing to the underspent condition.

MAJOR MILESTONE: M-15-00
STATUS FOR END OF MONTH: SEPTEMBER 1992

DOE DIRECTOR: E. A. Bracken

MANAGER: R. D. Wojtasek

BASLINE DATE: September 2005

PROJECTED DATE: September 2005

DESCRIPTION:

Complete the remedial investigation/feasibility study (RI/FS) or RCRA facility investigation/corrective measures study (RFI/CMS) process for all operable units (OUs)

PAST DUE OR SUPPORTING INTERIM MILESTONE(S) FOR NEXT 12 MONTHS

<u>MILESTONE</u>	<u>DESCRIPTION</u>	<u>BASELINE</u>	<u>PROJECTED</u>
M-15-02A	Submit draft 200-BP-1 FS Phase 1 and 2 report to EPA and Ecology	05/93	05/93
M-15-04A	Submit draft 300-FF-5 FS Phase 1 and 2 report to EPA and Ecology	07/15/93	07/15/93
M-15-01B/C	Submit final 1100-EM-1 RI/FS report to EPA and Ecology	12/92	12/92

ACCOMPLISHMENTS

- o The RI phase 1 and 2 reports were issued to the regulators completing milestone M-15-03A.
- o The riverbanks spring sampling and collection of third quarter groundwater samples were completed at 300-FF-5.
- o The vadose zone drilling equipment and material decontamination activities were completed at 200-BP-1.
- o Sample analysis and data validation for preparation of the RI Phase 1 and FS Phase 1 and 2 reports continued.
- o The first quarter groundwater samples were taken at 100-BC-5.
- o 100-KR-4 groundwater monitoring wells were completed for a total of seven wells and samples taken.
- o Eleven groundwater wells have been completed at 100-FR-3.
- o Four 100-KR-4 Test Pits were completed to 20 feet and samples were taken.
- o Second quarter groundwater sampling has been completed at 100-HR-3.
- o One groundwater well was completed at 100-NR-2 to a depth of 126 feet.
- o 100-Area Treatability and IRM Program Plans have been submitted to RL.

PLANNED ACTION(S) FOR THE NEXT 6 MONTHS

- o Complete milestone M-15-01B/C.
- o Initiate consolidation of all 1100 Area operable units for purposes of early remediation.
- o Continue sample analysis, data validation, and evaluation for preparation of the RI Phase 1 and 2 reports for the 300-FF-5 operable unit.
- o Disposition of regulator comments from the 300-FF-1 RI Phase 1 report and FS Phase 1 and 2 reports will commence.
- o The contract for soil washing treatability at 300-FF-1 will be awarded. Procedures and supporting documents for the test will be prepared
- o Preparation of the risk assessment for the 300-FF-5 OU will continue.
- o Preparation of safety documentation for the 618-11 burial ground ERA will commence.

MILESTONE STATUS/PROBLEMS/ISSUES

- o This milestone is on schedule.

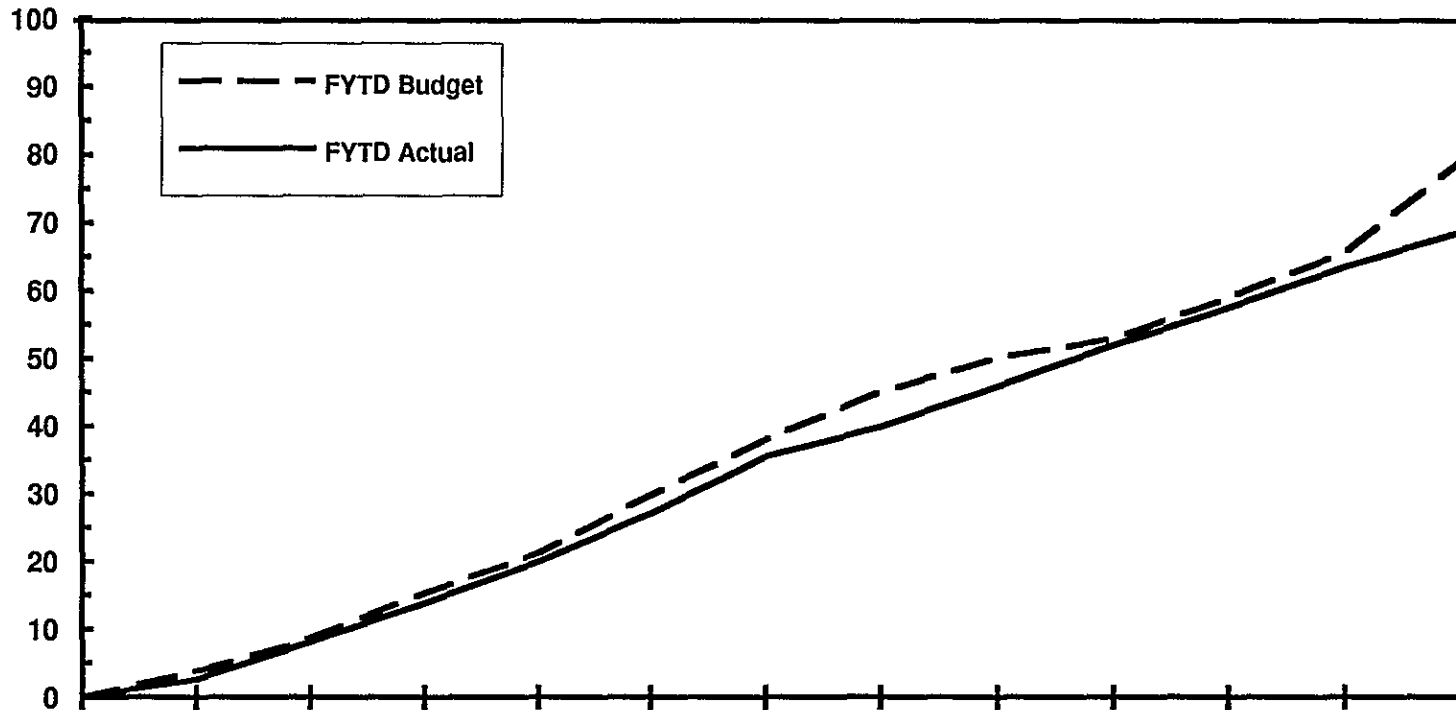
9 2 1 2 7 1 7 1 1 9

9 2 1 2 7 7 1 1 5 0

MILESTONE M-15-00

FY 1992

\$ Millions



	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FYTD Budget	3.8	8.7	15.3	21.2	29.8	38.0	45.0	50.1	52.9	59.0	65.5	78.9
FYTD Actual	2.6	8.2	13.8	20.0	27.1	35.4	39.9	45.8	51.9	57.5	63.4	68.6
Spending Var	1.2	0.5	1.5	1.2	2.7	2.6	5.1	4.3	1.0	1.5	2.1	10.3

Variance Explanation: Approximately \$5.1M in Capital Equipment is being carried over into FY93 to cover legal commitments. Column leach and Sorption Testing was not completed 200-BP-1 due to SST samples having higher priority. Approximately \$800K is being covered in FY93.

MAJOR MILESTONE: M-16-00
STATUS FOR END OF MONTH: SEPTEMBER 1992

DOE DIRECTOR: E. A. Bracken

MANAGER: R. D. Wojtasek

BASELINE DATE: September 2018

PROJECTED DATE: September 2018

DESCRIPTION:

Complete the remedial actions for all operable units (OUs)

PAST DUE OR SUPPORTING INTERIM MILESTONE(S) FOR NEXT 12 MONTHS

<u>MILESTONE</u>	<u>DESCRIPTION</u>	<u>BASELINE</u>	<u>PROJECTED</u>
NONE			

ACCOMPLISHMENTS

- o Waste shipment activities and revegetation activities were completed at the 618-9 burial ground completing the expedited response action (ERA).
- o At the carbon tetrachloride ERA, a total of 1,170 pounds of carbon tetrachloride was extracted and 7 characterization boreholes were drilled. The contract for an upgraded vapor extraction system was awarded.

PLANNED ACTION(S) FOR NEXT 6 MONTHS

- o Preparation of safety documentation for the 618-11 burial ground ERA will commence.
- o The ERA proposal for the Riverland ERA will be issued.
- o Sampling activities for the North Slope ERA will be completed.
- o Preparation of a planning proposal for an ERA for the 200 West groundwater (per the AAMR's report recommendation) will commence.

MILESTONE STATUS/PROBLEMS/ISSUES

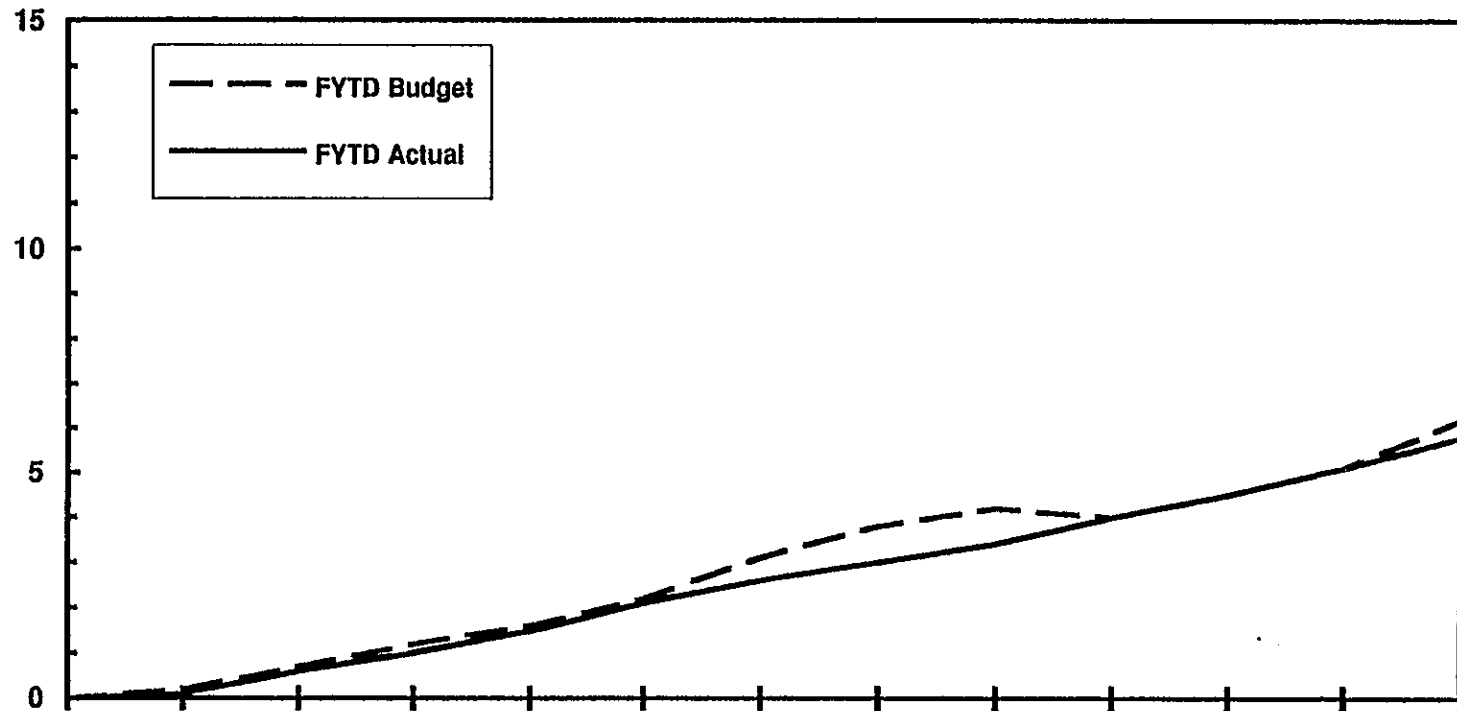
- o This milestone is on schedule.

9 2 1 2 7 3 7 1 1 5 2

MILESTONE M-16-00

FY 1992

\$ Millions



	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FYTD Budget	0.2	0.7	1.2	1.6	2.2	3.1	3.8	4.2	4.0	4.5	5.1	6.2
FYTD Actual	0.1	0.6	1.0	1.5	2.1	2.6	3.0	3.4	4.0	4.5	5.1	5.8
Spending Var	0.1	0.1	0.2	0.1	0.1	0.5	0.8	0.8	0.0	0.0	0.0	0.4

MAJOR MILESTONE: M-17-00
STATUS FOR END OF MONTH: SEPTEMBER 1992

DOE DIRECTOR: J. M. Hennig

MANAGER: D. E. Kelley

M-17-00A:

BASELINE DATE: June 1995

PROJECTED DATE: June 1995

DESCRIPTION:

Complete liquid effluent treatment facilities or upgrades for Phase I effluents

M-17-00B:

BASELINE DATE: October 1997

PROJECTED DATE: October 1997

DESCRIPTION:

Implement best available technology or all known, available, and reasonable methods of prevention, control, and treatment (BAT/AKART) for all Phase II liquid effluents at the Hanford Site

PAST DUE OR SUPPORTING INTERIM MILESTONE(s) FOR NEXT 12 MONTHS

<u>MILESTONE</u>	<u>DESCRIPTION</u>	<u>BASELINE</u>	<u>PROJECTED</u>
M-17-09A	Complete definitive design of "300 Area Treated Effluent Disposal Facility" (Project L-045H) and submit design documentation to the EPA and Ecology as a primary document.	07/93	07/93
M-17-14C	Submit initial submittal of the Federal delisting petition for treated effluent from "242-A Evaporator/PUREX Plant Condensate Treatment Facility" (Project C-018H) in accordance with 40 CFR 260.22 to the EPA.	10/92	10/92
M-17-17D	Limit UO ₂ /U Plant wastewater effluent flow to less than or equal to 250 gallons per minute, averaged over the calendar month.	12/92	12/92

ACCOMPLISHMENTS

- o Completed removal of the air sample pump to the 242-S evaporator and eliminated the seal water contribution to the 242-S evaporator steam condensate (Interim Milestone M-17-18B).
- o Issued reports that evaluate the best available technology (BAT/AKART reports) for nine Phase II effluents streams that will not contribute flows to Project W-049H. The schedules for implementation of BAT/AKART on these nine effluent streams will be negotiated by December 1992.

PLANNED ACTION(S) FOR NEXT 6 MONTHS

- o Implement flow restrictions on the UO₃/U Plant wastewater to less than or equal to 250 gallons per month, averaged over the calendar month (M-17-17D).
- o Continue design work on the 300 Area Treated Effluent Disposal Facility (Project L-045H).
- o Submit delisting petition to EPA Headquarters for the treated effluent from the "242-A Evaporator/PUREX Condensate Treatment Facility" (Project C-018H) as required by interim milestone M-17-14C.
- o Initiate negotiations on additional milestones containing the terms and conditions outlined by EPA and Ecology to allow continued discharges to the 300 Area process trenches.

MILESTONE STATUS/PROBLEMS/ISSUES

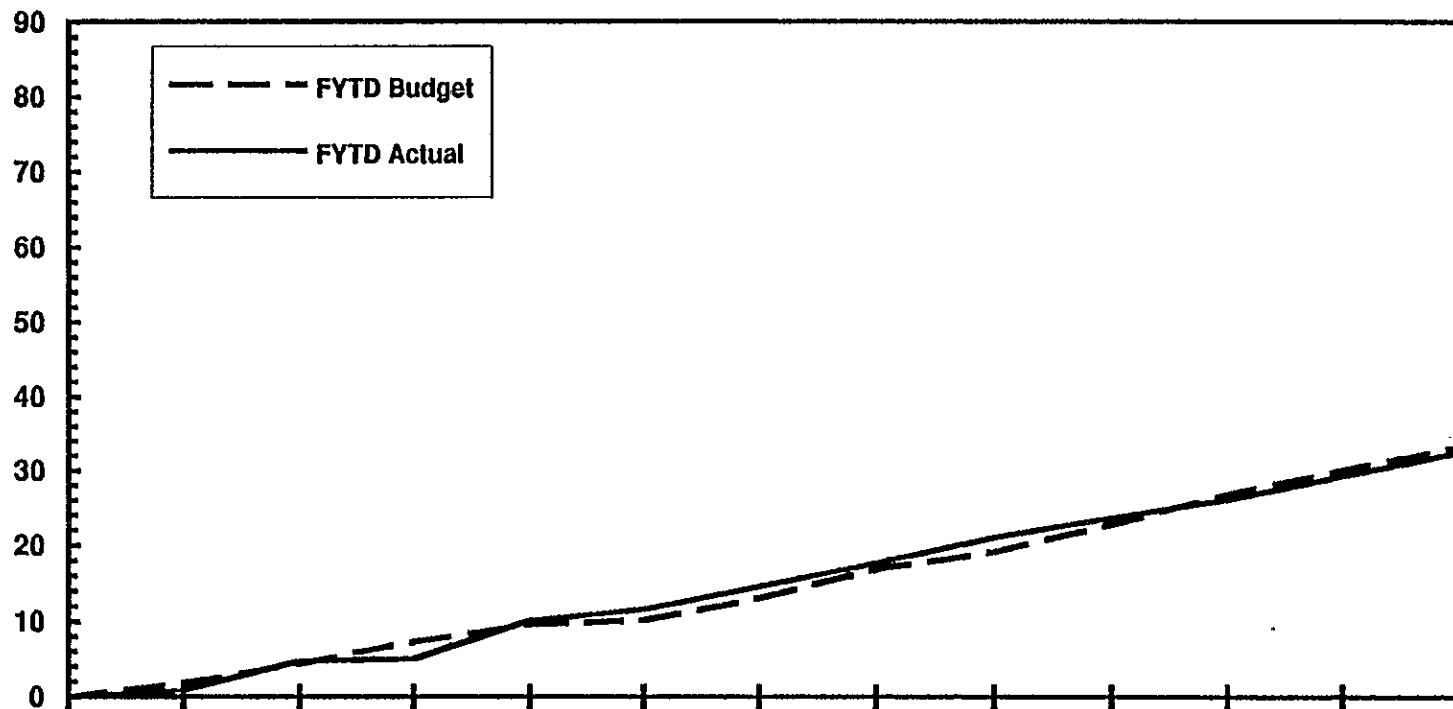
- o Milestone on schedule. Design work for the 300 Area Treated Effluent Disposal Facility (Project L-045H) proceeds ahead of schedule.
- o Ecology and EPA outlined the terms and conditions under which they would approve continued discharge of the 300 Area process sewer to the 300 Area process trenches. Conditions include abandonment of the western trench, additional flow restrictions, additional reporting requirements, and installation of additional flow measuring devices. RL is evaluating the conditions and will initiate negotiations with the regulators on this issue.
- o Compliance with all effluent flow restrictions contained in TPA milestone M-17 have been maintained.

9212754

9 2 1 2 7 5 7 1 1 5 5

MILESTONE M-17-00 FY 1992

\$ Millions



	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FYTD Budget	1.9	4.3	7.3	9.5	10.1	13.0	16.8	19.1	22.7	26.8	30.1	33.3
FYTD Actual	0.9	4.7	5.0	10.1	11.5	14.5	17.6	21.0	23.6	26.1	29.2	32.5
Spending Var	1.0	-0.4	2.3	-0.6	-1.4	-1.5	-0.8	-1.9	-0.9	0.7	0.9	0.8

MAJOR MILESTONE: M-18-00
STATUS FOR END OF MONTH: SEPTEMBER 1992

DOE DIRECTOR: J. M. Hennig

MANAGER: R. J. Roberts

BASELINE DATE: September 1996

PROJECTED DATE: March 1997

DESCRIPTION:

Complete Waste Receiving and Processing (WRAP) Module 1, "Construction and Initiate Operations"

PAST DUE OR SUPPORTING INTERIM MILESTONE(S) FOR NEXT 12 MONTHS

<u>MILESTONE</u>	<u>DESCRIPTION</u>	<u>BASELINE</u>	<u>PROJECTED</u>
NONE			

ACCOMPLISHMENTS

- o Submitted responses to comments recieved from Ecology on Part B application.
- o Continued discussions pertaining to the RCRA permit application at the monthly TPA unit managers meeting.
- o Recieved Ecology approval of the TPA Change Request, M-18-90-02, EPA approval is still pending.

PLANNED ACTION(S) FOR NEXT 6 MONTHS

- o Resolve Tri-Party Agreement Change Request M-18-90-02 with EPA.
- o Continue Title 2 design activities and begin 90% design review.

MILESTONE STATUS/PROBLEMS/ISSUES

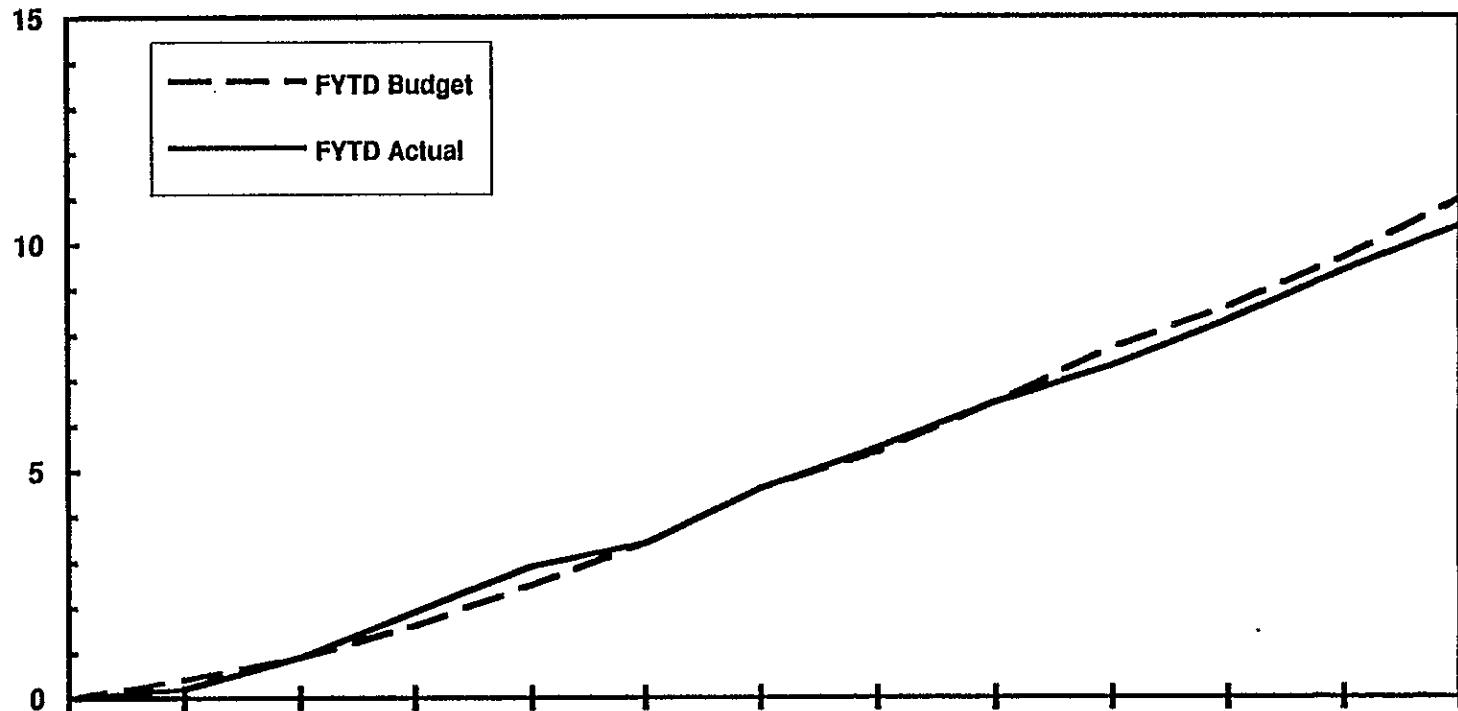
- o Continuing to be 6 months behind original TPA schedule, but are maintaining schedule in TPA Change Request M-18-90-02 and awaiting EPA approval of the Change Request.
- o Continuing to review application of super compactor design for use in preparing the waste matrix for obtaining a representative sample. Other technologies are being investigated for sampling and analysis of the waste matrix.
- o Architect/engineering contractor submitted Corrective Action Plan for design media development schedule recovery. Adequate float in schedule allows for a 2-week internal adjustment for completion of design media without affecting the final completion date.
- o Ecology approved Tri-Party Agreement Change Request M-18-90-02, EPA approval pending.

9 2 1 2 7 5 7 1 1 5 7

MILESTONE M-18-00

FY 1992

\$ Millions



	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FYTD Budget	0.4	0.9	1.6	2.5	3.4	4.6	5.4	6.5	7.7	8.6	9.7	11.0
FYTD Actual	0.2	0.9	1.9	2.9	3.4	4.6	5.5	6.5	7.3	8.3	9.4	10.4
Spending Var	0.2	0.0	-0.3	-0.4	0.0	0.0	-0.1	0.0	0.4	0.3	0.3	0.6

MAJOR MILESTONE: M-19-00
STATUS FOR END OF MONTH: SEPTEMBER 1992

DOE DIRECTOR: J. M. Hennig

MANAGER: R. J. Roberts

BASELINE DATE: September 1999

PROJECTED DATE: September 1999

DESCRIPTION:

Complete Waste Receiving and Processing (WRAP) Module 2, "Construction and Initiate Operations"

PAST DUE OR SUPPORTING INTERIM MILESTONE(s) FOR NEXT 12 MONTHS

<u>MILESTONE</u>	<u>DESCRIPTION</u>	<u>BASELINE</u>	<u>PROJECTED</u>
NONE			

ACCOMPLISHMENTS

- o The WRAP 2A Conceptual Design Report (CDR) was approved by RL.
- o RL responded to Ecology comments on TPA Change Request M-19-91-01. This Change Request proposes the submodularization of the WRAP 2 project into WRAP 2A, the portion of the project that is not impacted by Waste Isolation Pilot Project (WIPP) uncertainties, and WRAP 2B, the portion of the project that is delayed due to technical uncertainties at the WIPP.
- o Continued discussions with EPA and Ecology on the proposed WRAP 2 TPA Change (i.e., TPA Change Request M-19-91-01).

PLANNED ACTION(S) FOR NEXT 6 MONTHS

- o Continue development of the Advanced Conceptual Design Report (CDR) for WRAP 2A.
- o Continue with waste form qualification testing.
- o Develop Part B Permit application.
- o Initiate activities for the development of the WRAP 2A Preliminary Safety Analysis Report.
- o Initiate an engineering study for WRAP 2B to develop alternatives for transuranic treatment and recommendations for treatment.

MILESTONE STATUS/PROBLEMS/ISSUES

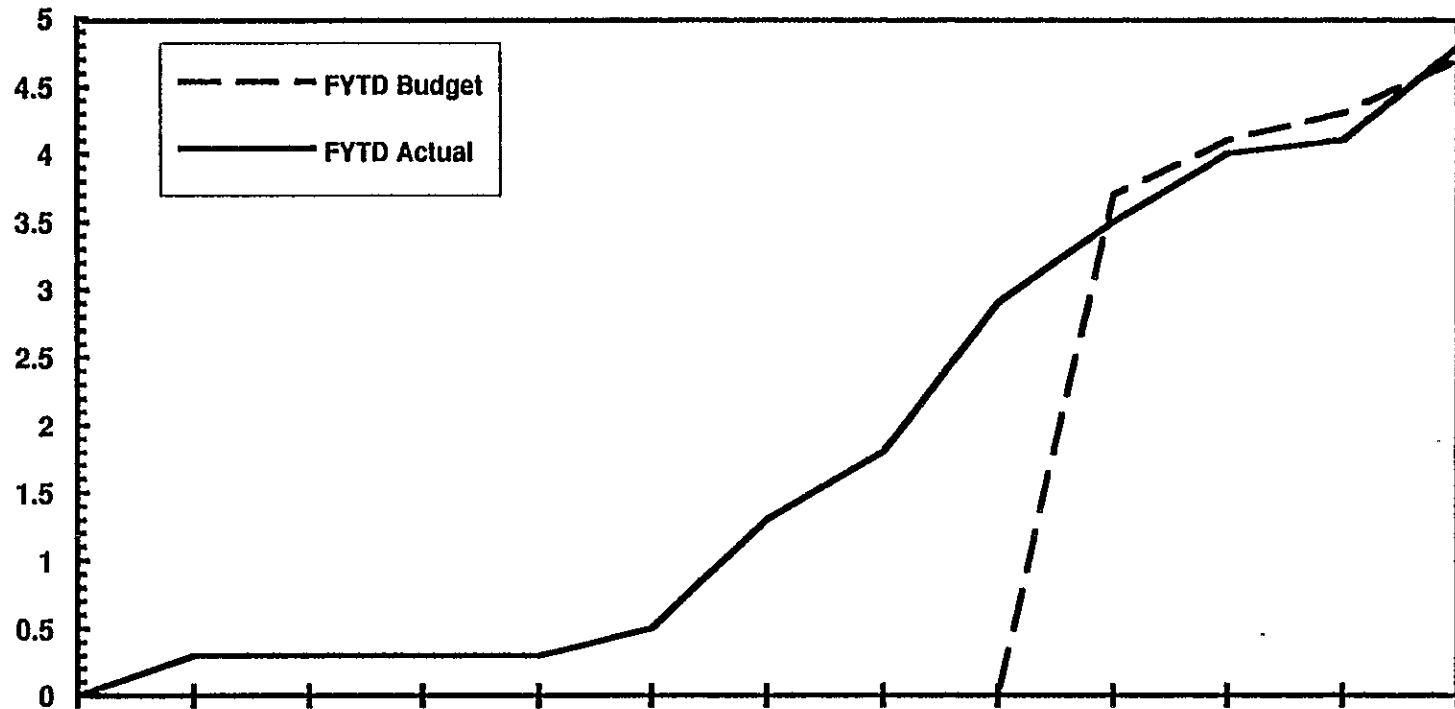
- o Key Decision 0 was made 6 months behind schedule. The schedule for WRAP 2 that reflects the impacts of the delay of KD-0 was reflected in the TPA change transmitted to EPA and Ecology.
- o Significant technical issues continue to exist regarding the WIPP waste acceptance criteria impact on WRAP 2. The portion of WRAP 2 (i.e., WRAP 2B) that will receive and process transuranic waste contaminated with hazardous waste (i.e, mixed TRU waste) is behind schedule. The portion of WRAP 2 that was not affected by the WIPP waste acceptance criteria (i.e, WRAP 2A) remains on schedule.

9 2 1 2 7 5 7 1 1 5 9

MILESTONE M-19-00

FY 1992

\$ Millions



	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FYTD Budget	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	4.1	4.3	4.7
FYTD Actual	0.3	0.3	0.3	0.3	0.5	1.3	1.8	2.9	3.5	4.0	4.1	4.8
Spending Var	-0.3	-0.3	-0.3	-0.3	-0.5	-1.3	-1.8	-2.9	0.2	0.1	0.2	-0.1

MAJOR MILESTONE: M-20-00
STATUS FOR END OF MONTH: SEPTEMBER 1992

DOE DIRECTOR: R. D. Izatt

MANAGER: C. J. Geier

BASELINE DATE: MAY 1996

PROJECTED DATE: MAY 1996

DESCRIPTION:

Submit Part B permit applications or closure plans for all RCRA TSD units

PAST DUE OR SUPPORTING INTERIM MILESTONE(S) FOR NEXT 12 MONTHS

<u>MILESTONE</u>	<u>DESCRIPTION</u>	<u>BASELINE</u>	<u>PROJECTED</u>
M-20-24	Submit PUREX Part B	09/92	09/92*
M-20-25	Submit Hanford Patrol Academy Demolition Site Part B	11/92	11/92
M-20-26	Submit Ashpit Demolition Site Closure Plan	11/92	11/92
M-20-27	Submit Hexone Storage and Treatment Closure Plan	11/92	11/92
M-20-28	Submit E-8 Borrow Pit Demolition Site Closure Plan	11/92	11/92
M-20-30	Submit 303-M Oxide Facility Part B	10/92	10/92*
M-20-40	Submit 100-D Ponds Closure Plan	02/93	02/93

*See Milestone Status/Issues

ACCOMPLISHMENTS

- o Transmitted Change Request to defer Milestone M-20-29, "Submit Maintenance and Storage Facility (MASF) Part B Application to Ecology and EPA," from November 1993 to a later date. The Change Request allows a period for DOE to determine the future use of the FFTF and the subsequent need for the MASF before establishing a new milestone.

PLANNED ACTION(S) FOR NEXT 6 MONTHS

- o Submit 305-B Part B Revision 1 (M-20-08).
- o Submit Hanford Patrol Academy Demolition Site Part B (M-20-25).
- o Submit Ashpit Demolition Site Closure Plan (M-20-26).
- o Submit Hexone Storage and Treatment Closure Plan (M-20-27).
- o Submit E-8 Borrow Pit Demolition Site Closure Plan (M-20-28).
- o Develop and submit 100 D Pond Closure Plan (M-20-40).

MILESTONE STATUS/PROBLEMS/ISSUES

- o M-20-24. Submit PUREX Part B to Ecology and EPA. A Change Request to delay submittal of the Part B application for PUREX was transmitted to the regulators by RL. A new date for a Part B or a Closure Plan would be set after a final decision by DOE-HQ on the future status of PUREX. The Department of Ecology agreed to revising the M-20-24 date to 1995, but they requested a Closure Plan for the PUREX plant instead of a Part B Application. The RL cannot commit to a closure plan at this time and has proposed wording to allow either a Part B or Closure Plan. The RL responded to the Ecology letter and Ecology has verbally agreed to the change. The signed Change Request has not been received.
- o M-20-30. Submit 303-M Oxide Facility Part B to Ecology and EPA. A request to withdraw the Part A permit application for the 303-M Oxide Facility was prepared and transmitted to RL. The current milestone (M-20-30) requires submittal of a Part B permit application by October 31, 1992. If the withdrawal is not approved, a Closure Plan will be required. A Change Request to revise this milestone has also been transmitted to RL. Ecology denied the withdrawal request. The RL is preparing a response opposing the Ecology denial and plans to submit the Change Request.

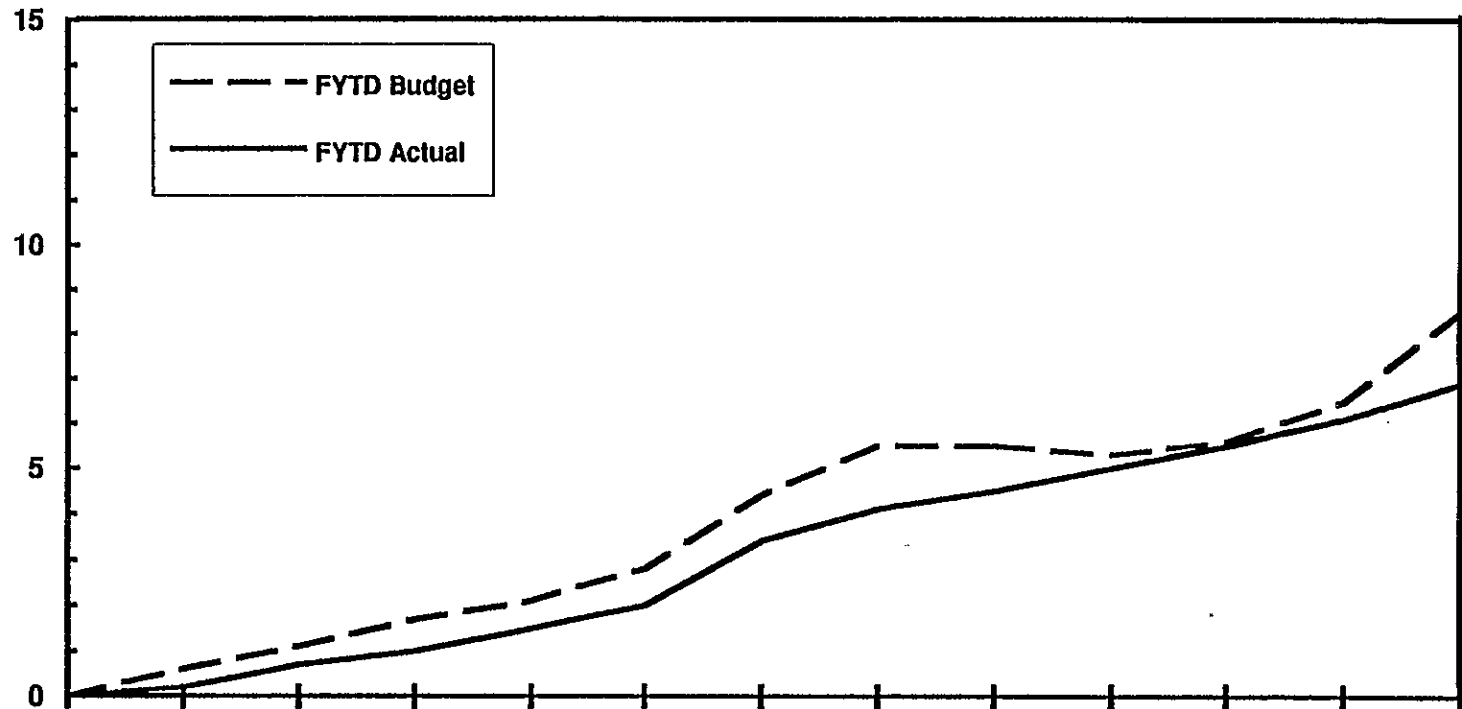
92127:71151

9 2 1 2 7 3 7 1 1 6 2

MILESTONE M-20-00

FY 1992

\$ Millions



	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FYTD Budget	0.6	1.1	1.7	2.1	2.8	4.4	5.5	5.5	5.3	5.6	6.5	8.5
FYTD Actual	0.2	0.7	1.0	1.5	2.0	3.4	4.1	4.5	5.0	5.5	6.1	6.9
Spending Var	0.4	0.4	0.7	0.6	0.8	1.0	1.4	1.0	0.3	0.1	0.4	1.6

MAJOR MILESTONE: M-24-00
STATUS FOR END OF MONTH: SEPTEMBER 1992

DOE DIRECTOR: J. M. Hennig

MANAGER: R. D. Wojtasek

BASELINE DATE: December 1992

PROJECTED DATE: December 1992

DESCRIPTION:

Install RCRA groundwater monitoring wells at the rate of 29 in CY 1989, 30 in CY 1990, and 50 per year thereafter until all land disposal units and single-shell tanks are determined to have RCRA compliant monitoring systems

PAST DUE OR SUPPORTING INTERIM MILESTONE(S) FOR NEXT 12 MONTHS

<u>MILESTONE</u>	<u>DESCRIPTION</u>	<u>BASELINE</u>	<u>PROJECTED</u>
M-24-00	Install 50 wells for CY 1992	12/92	12/92
M-24-22	Install one additional RCRA well around the 1324-N Pond (12 total)	12/92	12/92
M-24-23	Install one additional well RCRA around the S-10 Pond and Ditch (7 total)	12/92	12/92
M-24-26	Install two RCRA wells around the NRDWL (9 total)	12/92	12/92
M-24-27	Install 2 additional RCRA wells around B-Pond (19 total)	12/92	12/92

ACCOMPLISHMENTS

- o Completed the following Interim Milestones:
 - M-24-20 Install two additional RCRA wells around the Grout Facility. Completed 09/02.
 - M-24-25 Install two additional RCRA wells around the 216-A-29 Ditch. Completed 09/29.
 - M-24-28 Install two additional RCRA wells around the SST's. Completed 09/04.
- o Completed drilling three additional wells.
- o Developed and made four more wells sample ready.
- o Transmitted Change Request to establish interim milestones for calendar year 1993 wells to Ecology.

PLANNED ACTION(S) FOR NEXT 6 MONTHS

- o Continue drilling activities for CY 1992 wells.
- o Obtain approval of Class II Change Request to establish interim milestones for calendar year 1993.

921271103

MILESTONE STATUS/PROBLEMS/ISSUES

- o Hanford technical staff, working with Ecology technical staff, have determined the locations for 26 sites to receive RCRA groundwater monitoring wells in CY 1992. Ecology has indicated technical agreement on reducing the CY 1992 milestone to require 30 wells to be drilled instead of the currently required 50 wells. The change package modifying the major milestone to read "up to 50 wells per year," consistent with the number of wells required in CY 1992, began a public review period in April 1992. Responses to the few public comments were received and the package was ready for signature in August. No modifications of the proposed change in the milestone were required. The RL is preparing a letter compiling all comments and responses to request final approval by Ecology and the EPA.
- o Drilling of twenty-three wells has been completed, and twenty of these are sample ready.

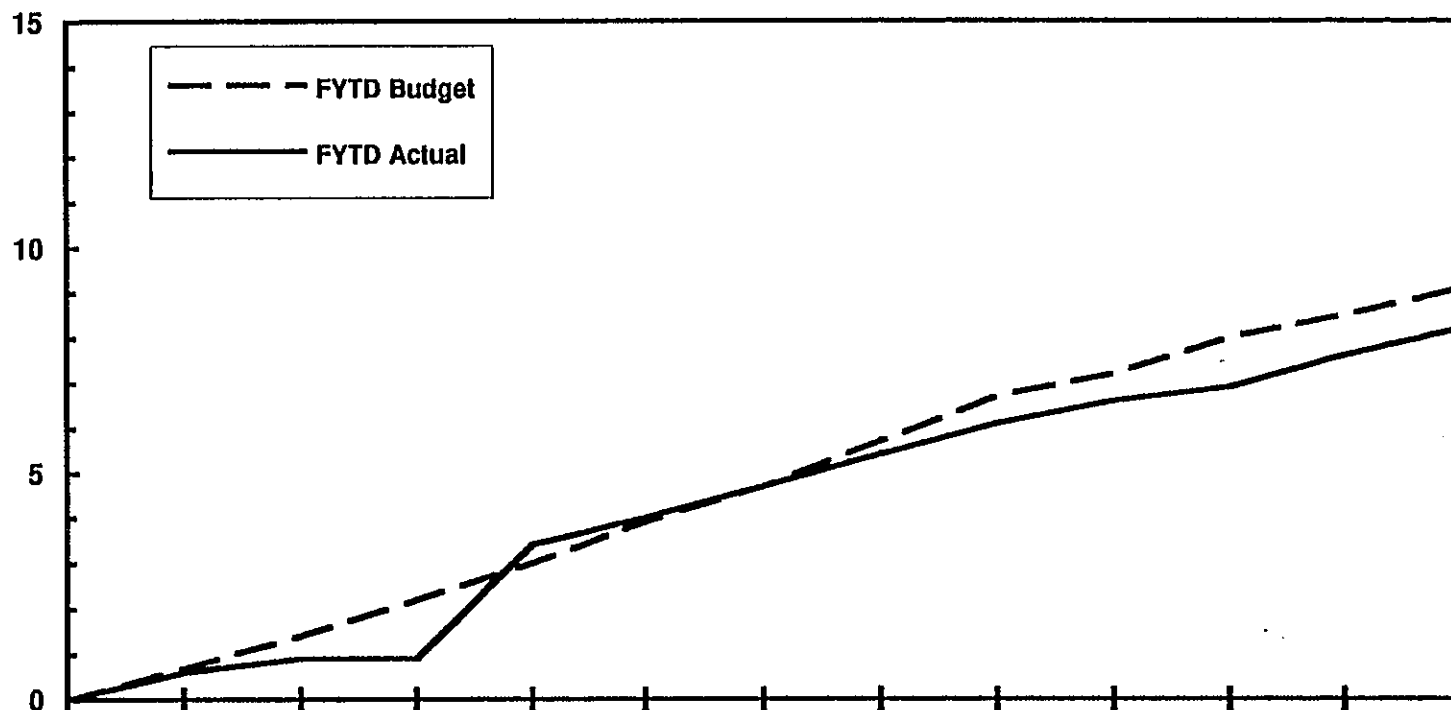
92127171154

9 2 1 2 7 5 7 1 1 5 5

MILESTONE M-24-00

FY 1992

\$ Millions



	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FYTD Budget	0.7	1.4	2.2	3.0	3.9	4.7	5.7	6.7	7.2	8.0	8.5	9.1
FYTD Actual	0.6	0.9	0.9	3.4	4.0	4.7	5.4	6.1	6.6	6.9	7.6	8.2
Spending Var	0.1	0.5	1.3	-0.4	-0.1	0.0	0.3	0.6	0.6	1.1	0.9	0.9

MAJOR MILESTONE: M-26-00
STATUS FOR END OF MONTH: SEPTEMBER 1992

DOE DIRECTOR: J. M. Hennig

MANAGER: C. J. Geier

BASELINE DATE: April 1993

PROJECTED DATE: April 1993

DESCRIPTION:

Submit annual Hanford Land Disposal Restrictions (LDR) Report in accordance with the LDR Plan to cover the period from April 1 through March 31

PAST DUE OR SUPPORTING INTERIM MILESTONE(s) FOR NEXT 12 MONTHS

<u>MILESTONE</u>	<u>DESCRIPTION</u>	<u>BASELINE</u>	<u>PROJECTED</u>
M-26-01C	Submit an annual Hanford Land Disposal Restrictions Report in accordance with the LDR Plan to cover the period from April 1 of the previous year through March 31 of the reporting year	04/30/93	04/30/93

ACCOMPLISHMENTS

o No significant accomplishments this month.

PLANNED ACTION(S) FOR NEXT 6 MONTHS

o The contractor is scheduled to initiate work on the 1993 LDR Report in November 1992. The contractor is scheduled to issue the preliminary draft 1993 LDR Report for RL review in March 1993.

MILESTONE STATUS/PROBLEMS/ISSUES

o This milestone is on schedule.

FY 1992

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FYTD Budget	0.06	0.04	0.05	0.05	0.06	0.06	0.07	0.08	0.09	0.10	0.11	0.14
FYTD Actual	0.09	0.02	0.03	0.03	0.04	0.05	0.07	0.08	0.09	0.10	0.11	0.14
Spending Var	-0.03	0.02	0.02	0.02	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00

MAJOR MILESTONE: M-27-00
STATUS FOR END OF MONTH: SEPTEMBER 1992

DOE DIRECTOR: E. A. Bracken

MANAGER: R. D. Wojtasek

BASELINE DATE: September 1992

PROJECTED DATE: COMPLETE

DESCRIPTION:

Submit all aggregate area management study reports (AAMSR) for the 200 Area to EPA and Ecology as secondary documents

PAST DUE OR SUPPORTING INTERIM MILESTONE(S) FOR NEXT 12 MONTHS

<u>MILESTONE</u>	<u>DESCRIPTION</u>	<u>BASELINE</u>	<u>PROJECTED</u>
NONE			

ACCOMPLISHMENTS

- o Submitted the 200 East Groundwater AAMSR to the regulators, completing interim milestone M-27-11. This completes milestone M-27-00.

PLANNED ACTION(S) FOR NEXT 6 MONTHS

- o Disposition of regulator comments and approval of the AAMSR reports.

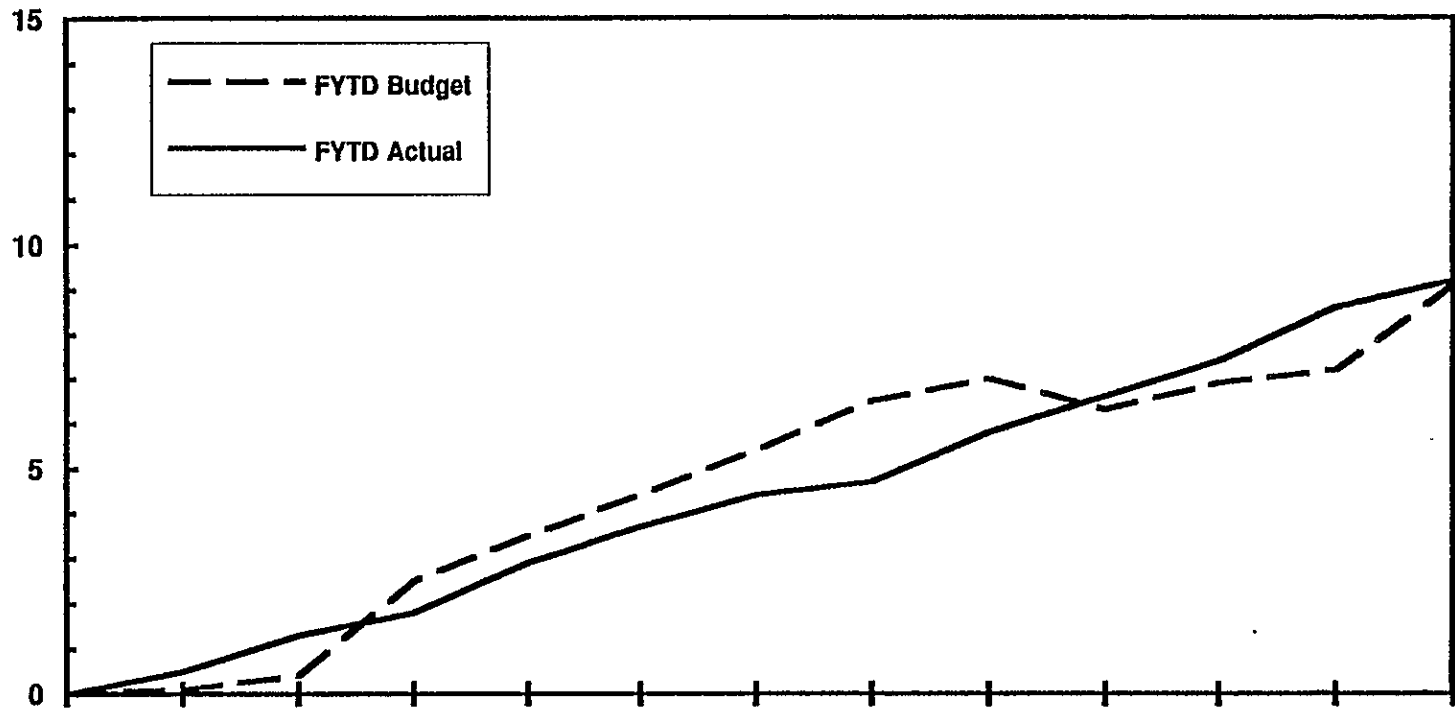
MILESTONE STATUS/PROBLEMS/ISSUES

- o This milestone is complete.

921271138

MILESTONE M-27-00 FY 1992

\$ Millions



	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FYTD Budget	0.1	0.4	2.5	3.5	4.4	5.4	6.5	7.0	6.3	6.9	7.2	9.1
FYTD Actual	0.5	1.3	1.8	2.9	3.7	4.4	4.7	5.8	6.6	7.4	8.6	9.2
Spending Var	-0.4	-0.9	0.7	0.6	0.7	1.0	1.8	1.2	-0.3	-0.5	-1.4	-0.1

MAJOR MILESTONE: M-29-00
STATUS FOR END OF MONTH: SEPTEMBER 1992

DOE DIRECTOR: E. A. Bracken

MANAGER: R. D. Wojtasek

BASELINE DATE: March 1992

PROJECTED DATE: COMPLETE

DESCRIPTION:

Develop and submit documentation to EPA and Ecology describing Hanford risk assessment methodology

PAST DUE OR SUPPORTING INTERIM MILESTONE(S) FOR NEXT 12 MONTHS

<u>MILESTONE</u>	<u>DESCRIPTION</u>	<u>BASELINE</u>	<u>PROJECTED</u>
NONE			

ACCOMPLISHMENTS

- o No significant accomplishments this reporting period.

PLANNED ACTION(S) FOR NEXT 6 MONTHS

- o Complete disposition of regulator comments on the risk assessment methodology document.

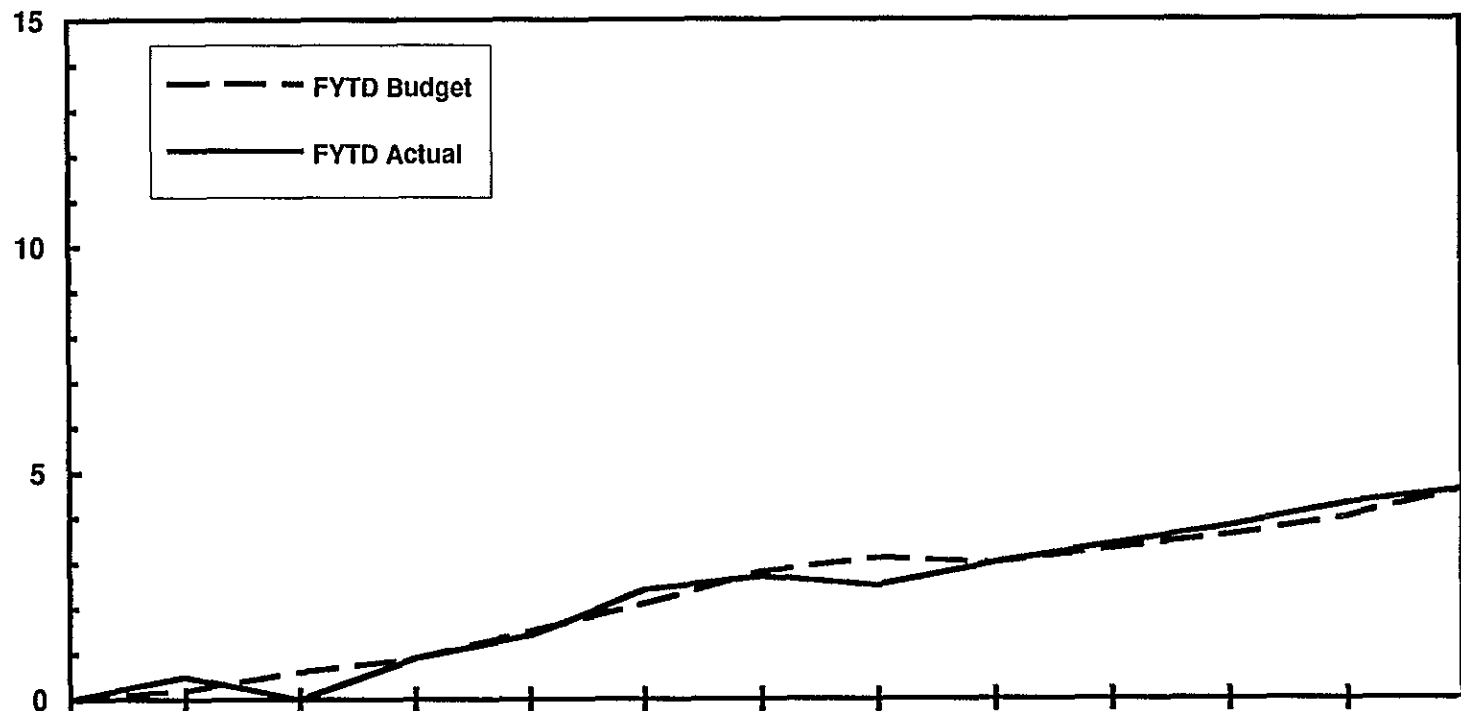
MILESTONE STATUS/PROBLEMS/ISSUES

- o Milestone on schedule.

92127371170

MILESTONE M-29-00 FY 1992

\$ Millions



	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FYTD Budget	0.2	0.6	0.9	1.5	2.1	2.8	3.1	3.0	3.3	3.6	4.0	4.6
FYTD Actual	0.5	0.0	0.9	1.4	2.4	2.7	2.5	3.0	3.4	3.8	4.3	4.6
Spending Var	-0.3	0.6	0.0	0.1	-0.3	0.1	0.6	0.0	-0.1	-0.2	-0.3	0.0

MAJOR MILESTONE: M-30-00
STATUS FOR END OF MONTH: SEPTEMBER 1992

DOE DIRECTOR: E. A. Bracken

MANAGER: R. D. Wojtasek

BASELINE DATE: September 1993

PROJECTED DATE: September 1993

DESCRIPTION:

Complete integrated general investigations and studies for the 100 Area

PAST DUE OR SUPPORTING INTERIM MILESTONE(S) FOR NEXT 12 MONTHS

<u>MILESTONE</u>	<u>DESCRIPTION</u>	<u>BASELINE</u>	<u>PROJECTED</u>
M-30-05	Complete installation of all field instrumentation and initiate monitoring activities necessary to perform long-term aquifer river investigations	09/93	09/93

ACCOMPLISHMENTS

- o Surface radiation surveys at 100-NR-1 were completed on schedule.
- o The last four nonintrusive sampling sites completed were 1607-D4 septic tile field (September 15, 1992), 126-D-1 disposal basin (September 14, 1992), 100-DR-1 salt dissolving pit (September 16, 1992), and 103-D green metal storage facility (September 28, 1992). This satisfies milestone M-30-03.
- o The secondary document, *Estimating Aquifer Hydraulic Properties using the Ferris Method, Hanford Site, Washington*, was issued to the regulators in September completing milestone M-30-04.

PLANNED ACTION(S) FOR NEXT 6 MONTHS

- o Ecological investigations continue on lower priority operable unit.

MILESTONE STATUS/PROBLEMS/ISSUES

- o This milestone is on schedule.

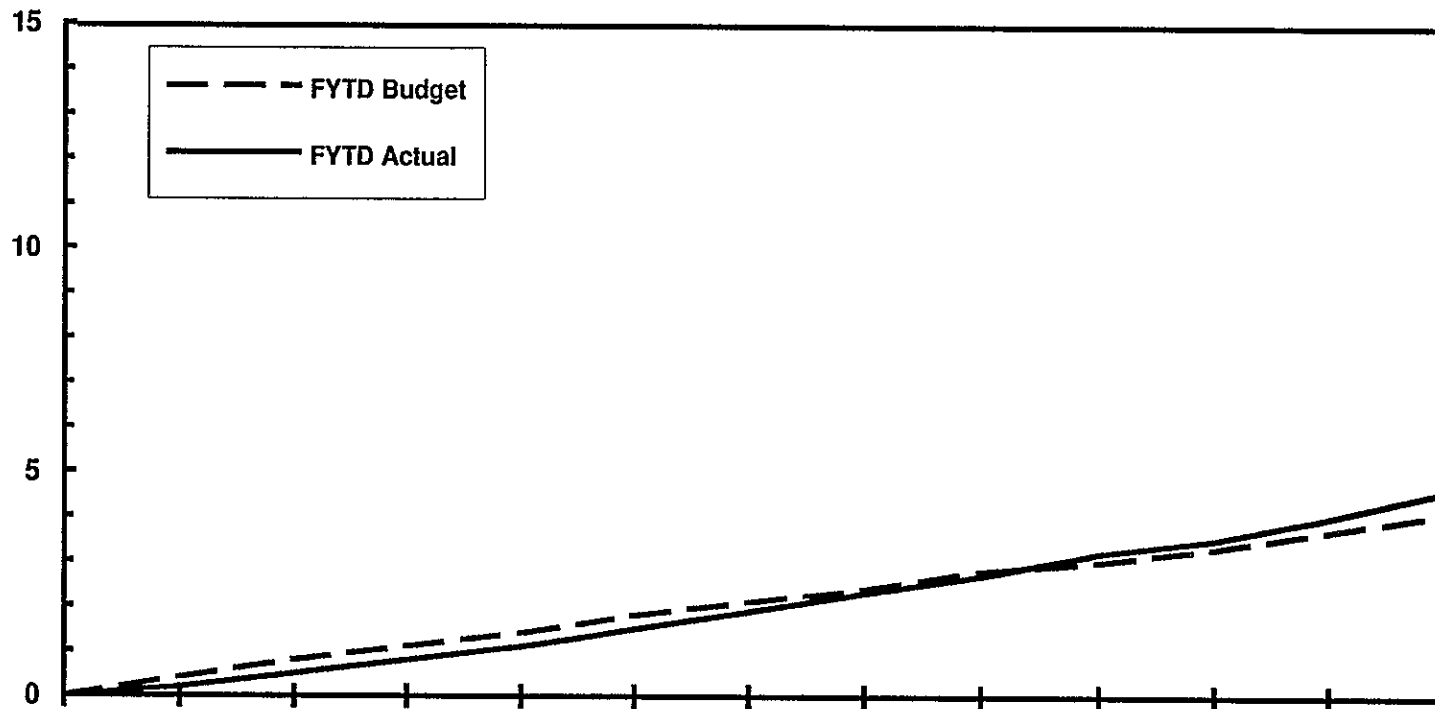
92127071172

9 2 1 2 7 7 1 1 7 3

MILESTONE M-30-00

FY 1992

\$ Millions



	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FYTD Budget	0.4	0.8	1.1	1.4	1.8	2.1	2.4	2.8	3.0	3.3	3.7	4.1
FYTD Actual	0.2	0.5	0.8	1.1	1.5	1.9	2.3	2.7	3.2	3.5	4.0	4.6
Spending Var	0.2	0.3	0.3	0.3	0.3	0.2	0.1	0.1	-0.2	-0.2	-0.3	-0.5

Variance Explanation: ER overhead increased during the month of August; groundwater well transducers and data loggers purchased for 100 Area well networks were more expensive than anticipated; and manpower for document production was higher than planned.

MAJOR MILESTONE: M-31-00
STATUS FOR END OF MONTH: SEPTEMBER 1992

DOE DIRECTOR: R. W. Brown

MANAGER: R. L. Fritz

BASELINE DATE: TBD

PROJECTED DATE: TBD

DESCRIPTION:

Provide additional double-shell tank capacity. Construction complete.

PAST DUE OR SUPPORTING INTERIM MILESTONE(S) FOR NEXT 12 MONTHS

<u>MILESTONE</u>	<u>DESCRIPTION</u>	<u>BASELINE</u>	<u>PROJECTED</u>
M-31-02	Recommend additional tank milestones	09/30/92	08/31/93

ACCOMPLISHMENTS

- o The conceptual design has been completed and was submitted to Ecology and the EPA with draft change request M-31-92-02. The change request outlines proposed future milestones for M-31-00 and meets the commitment for completing milestone M-31-01.

PLANNED ACTION(S) FOR NEXT 6 MONTHS

- o Resolve the issues associated with the Ecology denial of the M-31-92-03 change request.

MILESTONE STATUS/PROBLEMS/ISSUES

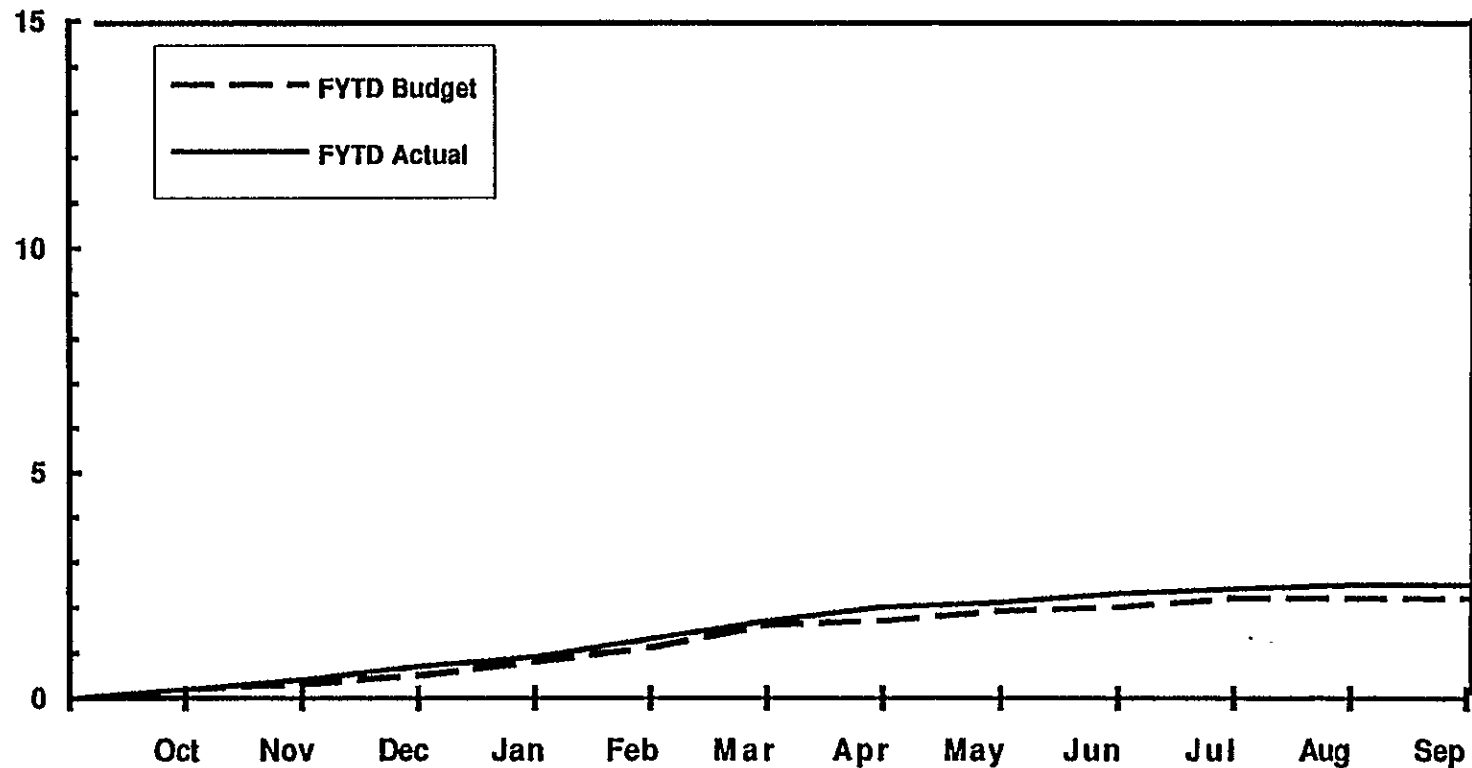
- o A change request has been developed to allow the deferral of the evaluation of additional double-shell tank capacity needs (M-31-02) until after the completion of the TWRS rebaselining effort. The change request was denied based on the timeliness of the request. RL will enter dispute resolution to resolve this interim milestone issue.

92127371174

MILESTONE M-31-00

FY 1992

\$ Millions



	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FYTD Budget	0.2	0.3	0.5	0.8	1.1	1.6	1.7	1.9	2.0	2.2	2.2	2.2
FYTD Actual	0.2	0.4	0.7	0.9	1.3	1.7	2.0	2.1	2.3	2.4	2.5	2.5
Spending Var	0.0	-0.1	-0.2	-0.1	-0.2	-0.1	-0.3	-0.2	-0.3	-0.2	-0.3	-0.3

Variance Explanation: Additional scope has been added. Cost overruns will be absorbed at the end function level.

DISTRIBUTION

Number of Copies

Number of Copies

OFFSITE

OFFSITE

4 U.S. Department of Energy-
Headquarters
19901 Germantown Road
Germantown, MD 20874

S. P. Cowan EM-30
C. G. Halsted DP-13
J. C. Lehr EM-442
R. Martinez EM-322

3 U.S. Department of Energy-
Headquarters
1000 Independence Avenue SW
Washington, DC 20585

J. E. Lytle EM-30
K. I. Taimi EH-22
J. C. Tseng EH-20

6 U.S. Environmental
Protection Agency
1200 Sixth Avenue
Seattle, WA 98101

G. Hofer
D. Rasmussen, Administrator
R. F. Smith
C. E. Findley, Director
Hazardous Waste Division
(M/C HW-111)

1 PRC Environmental
Management

D. Lacombe
1411 4th Avenue, Suite 720
Seattle, WA 98101

1 Oregon Department of Energy

D. Stewart-Smith
625 Marion Street NE
Salem, OR 97310

18 Washington State Department
of Ecology
Mail Stop PV-11
Olympia, WA 98504

J. Breckel
C. Clarke
D. Jansen (12)
D. Josue (2)
N. Pierce
R. Stanley

40 Nuclear Waste Advisory
Council

Donna Baldonado
K. Iyal
Mail Stop PV-11
Department of Ecology
Olympia, WA 98504

6 Confederated Tribes of the
Umatilla Indian Reservation

Bill Burke
P.O. Box 638
Pendleton, OR 97801

1 Nez Perce Tribal Executive
Council

C. H. Hayes, Chairman
P.O. Box 305
Lapwai, ID 83540

1 Yakima Tribal Council

Chairman, Yakima Indian
Nation
P.O. Box 151 (Fort Road)
Toppenish, WA 98948

1 U.S. Geological Survey

W. Staubitz
1201 Pacific Avenue
Suite 600
Tacoma, WA 98402

DISTRIBUTION (cont)

Number of Copies

OFFSITE

- 1 Sierra Club Northwest
Office
1516 Melrose Avenue
Seattle, WA 98122
- 1 Ruth F. Wiener
Western Washington
University
Bellingham, WA 98225
- 1 Charlotte Denniston
Greenpeace
11815 - 20th SW
Seattle, WA 98146
- 1 John Lindsay, President
Tri-City Industrial
Development Council
901 N. Colorado
Kennewick, WA 99336
- 1 Diana Bradshaw
Audubon Society of Portland
5151 Northwest Cornell Road
Portland, OR 97210
- 1 Don Reicher
Natural Resources Defense
Council
1350 New York Avenue NW
Suite 300
Washington, DC 20005
- 1 Bill Mitchell
Nuclear Safety Campaign
1914 North 34th Street #407
Seattle, WA 98103
- 1 Jim Thomas
Hanford Education Action
League
1720 N. Ash
Spokane, WA 99205

Number of Copies

OFFSITE

- 1 Physicians for Social
Responsibility
4534 1/2 University Way NE
Seattle, WA 98105
- 1 Jerry D. White, Director
Waste Management Services
RL Ferguson & Assoc. Inc.
7601 W. Clearwater Avenue
Suite 450
Kennewick, WA 99336
- 1 David W. Stevens
Environmental Assurance Inc
203 East 4th Avenue
Suite 422
Olympia, WA 98501
- 2 Nina Bell, Ex. Director
NW Environmental Advocates
408 SW 2nd Street #406
Portland, OR 97201
- 1 Charles W.F. Bell,
Staff Director
Oregon Fellowship for
Reconciliation
1838 S.W. Jefferson
Portland, OR 97201
- 1 Stephanie Johanson
SAIC
1845 Terminal Drive
Suite 202
Richland, WA 99352
- 1 Director
Franklin County Emergency
Management
1016 N. 4th Avenue
Pasco, WA 99301

DISTRIBUTION (cont)

Number of Copies

OFFSITE

- 1 Richard Belsey, M.D.
Oregon Health Sciences
Department of Clinical
Pathology L471
3181 S.W. Sam Jackson
Park Road
Portland, OR 97201
- 1 Norm Buske
Search Technical Services
Star Route Box 17
Davenport, WA 99112
- 1 Russ Kevin Childers
223 14th E. #201
Seattle, WA 98112
- 1 F. R. Cook
2552 Harris Avenue
Richland, WA 99352
- 1 Cindy De Bruler
Columbia River United
P.O. Box 667
Bingen, WA 98605
- 1 Karen Doeblin
Science Applications
International Corporations
1845 Terminal Drive,
Suite 200,
Richland, WA 99352
- 1 Cathy Kirkham
Greenpeace
4649 Sunnyside Avenue
Seattle, WA 98103
- 6 DNFSB
Paul Gubanc
625 Indiania Avenue
8th Floor
Washington, D.C. 20004
- 1 Victor Lacourse
437 NE Fargo
Portland, OR 97212

Number of Copies

OFFSITE

- 1 James Monteith
Oregon Natural Resources
Council
1161 Lincoln Street
Eugene, OR 97401
- 1 Steve Binney
Radiation Center, A100
Oregon State University
Corvallis, OR 97331-5903
- 1 Joanne Oleksiak, Director
Hanford Clearinghouse
2829 SE Belmont #308
Portland, OR 97214
- 1 Leonard Palmer
Portland State University
P.O. Box 751
Portland, OR 97207
- 1 Ray Paris
Oregon State Health
Division
State Office Building
Portland, OR 97204
- 1 Lloyd K. Marbet
Forlaws on Board
19142 S. Bakers Ferry Road
Boring, OR 97009
- 1 Ralph Patt
Water Resources Department
555 13th Street, NE
Salem, OR 97301
- 1 J. T. Stewart
U.S. Army Corps of
Engineers
Walla Walla District
Walla Walla, WA 99362-9265
- 2 Gerald Pollet, Ex. Director
Heart of America Northwest
1305 4th Avenue #208
Seattle, WA 98101

DISTRIBUTION (cont)

Number of Copies

Number of Copies

OFFSITE

OFFSITE

- 1 Norma Jean Germond
League of Women Voters
224 Iron Mountain Boulevard
Lake Oswego, OR 97034
- 1 Mike Fox, President
Hanford Family
P.O. Box 1462
Richland, WA 99352
- 5 Kristine Gebbie
Department of Health
1300 Quince
Olympia, WA 98504
- 1 Sharon Kophs
Westinghouse
North 221 Wall Street
Suite 446
Spokane, WA 99201
- 1 C. R. DeLannoy
Golder and Associates
1933 Jadwin Avenue
Suite 125
Richland, WA 99352
- 1 Senator Brock Adams
#2988 Jackson Federal
Office Building
915 2nd Avenue
Seattle, WA 98174
- 1 Senator Slade Gorton
697 U.S. Court House
W. 920 Riverside Avenue
Spokane, WA 99201
- 1 Rep. Sid Morrison
House Office Building
1434 Longworth
Washington, DC 20575
- 1 Ms. Sandi Strawn, Chair
Benton County Board of
Commissioners
P.O. Box 190
Prosser, WA 99350-0190
- 1 Rep. Lane Bray
Washington State House of

- Representatives
John L. O'Brien Building
Room 303
Olympia, WA 98504
- 1 Rep. Curtis Ludwig
Washington State House of
Representatives
John L. O'Brien Building
Room 304
Olympia, WA 98504
- 1 Senator Jim Jesernig
Washington State Senate
412 JAC Building
Olympia, WA 98504
- 1 Rep. Bill Grant
Washington State House of
Representatives
John L. O'Brien Building
Room 243
Olympia, WA 98504
- 1 John Ringle
Graduate School
Administrative Services
A-300
Oregon State University
Corvallis, OR 97731

DISTRIBUTION (cont)

Number of Copies

Number of Copies

ONSITE

ONSITE

6 U.S. Environmental Protection Agency
P. Day (6) B5-01

1 Hanford Environmental Health Foundation
L. J. Maas B2-75

2 Kaiser Engineers Hanford
R. T. French E6-61
R. M. Schwenk E6-64

12 Pacific Northwest Laboratory
W. J. Bjorklund P7-68
W. F. Bonner P7-41
H. C. Burkholder P7-41
T. D. Chikalla P7-75
M. S. Hanson K1-51
M. W. McCoy P7-68
R. D. Sharp P7-39
H. W. Slater P7-40
L. E. Thompson P7-34
P. J. Turner P7-18
J. W. Wald K2-22
Technical Files K1-11

1 Stone and Webster
L. E. Wissenbach R2-80

73 U.S. Department of Energy Richland Field Office
J. H. Anttonen A5-10
T. A. Bauman A7-75
G. E. Bishop R2-62
W. W. Bixby A7-30
E. A. Bracken A5-19
G. J. Bracken A4-02
K. W. Bracken A5-21
J. J. Broderick A5-18
R. W. Brown A5-10
D. C. Bryson A5-21
U.S. Department of Energy Richland Field Office -
cont

C. E. Clark A5-15
J. M. Clark A4-02
P. K. Clark A5-21
S. S. Clark A6-55
J. L. Daily A5-21
M. Dev A5-21
J. K. Erickson A5-19
R. D. Freeberg A5-19
M. J. Furman A5-21
R. E. Gerton A4-02
E. S. Goldberg A7-50
E. D. Goller A5-19
J. D. Goodenough A5-19
R. F. Guercia A5-21
J. P. Hamric A7-32
A. C. Harris A5-19
J. M. Henn A5-21
N. M. Highland A7-27
R. G. Holt A5-15
L. A. Huffman A5-10
J. R. Hunter A6-53
R. D. Izatt (3) A5-15
J. R. Kasper R2-50
G. R. Konzek A5-10
R. N. Krekel A5-15
R. D. Larson A7-80
L. E. Little A5-22
A. E. Lorenz A7-89
L. S. Mamiya A5-21
R. G. McLeod A5-19
J. E. Mecca A6-55
K. L. Morgan A7-75
J. P. Neath A7-50
J. E. Newson R2-62
R. S. Ollero A6-55
P. M. Pak A5-19
J. C. Peschong A5-21
M. J. Plahuta A7-27
R. O. Puthoff A5-10
J. E. Rasmussen A5-15
A. L. Rodriguez A5-15
R. M. Rosselli A7-70
W. A. Rutherford A4-02
R. P. Saget A5-52

DISTRIBUTION (cont)

Number of Copies

Number of Copies

ONSITE

ONSITE

U.S. Department of Energy Richland Field Office - cont

Westinghouse Hanford Company Company (cont)

R. K. Stewart	A5-19
J. B. Sullivan	A5-10
J. J. Sutey	A5-90
D. W. Templeton	R2-62
N. G. Thomas	A7-27
K. M. Thompson	A5-15
S. L. Trine	A5-21
H. R. Trumble	A6-55
J. D. Wagoner	A7-50
D. M. Wanek	A5-21
N. A. Werdel	A5-19
W. A. White	A7-27
J. W. Wiley	A6-35
L. C. Williams	A5-18
S. H. Wisness	A5-15
J. K. Yerxa	A5-15
Reading Room	A1-65

144 Westinghouse Hanford Company

L. L. Adams	T7-20
T. M. Anderson	B3-01
J. N. Appel	R2-07
L. D. Arnold	B2-35
B. A. Austin	B3-63
H. Babad	R2-08
M. A. Baumann	B3-62
M. L. Bell	T6-16
J. D. Berger	L0-18
M. V. Berriochoa	B3-30
T. D. Blankenship	R2-30
R. J. Bliss	B3-04
R. W. Bloom	B5-21
L. E. Borneman	B2-35
R. J. Bottenus	T3-28
R. C. Bowman	H4-57
S. L. Brey	T6-12
L. C. Brown	H4-51
J. G. Burk Jr.	B3-25
F. T. Calapristi	B2-35
G. D. Carpenter	B2-16
G. J. Carter	R2-77
D. F. Conn	T5-53
J. E. Cottrell	T7-20
R. R. Disibio	B3-02
W. T. Dixon	H2-58
B. P. Dole	A2-50

V. R. Dronen	R3-42
J. A. Eacker	R1-51
C. Edwards	B3-35
R. G. Egge	R2-77
J. L. Epstein	R4-01
B. G. Erlandson	B2-19
G. W. Faulk	T3-28
K. R. Fecht	H4-56
G. D. Forehand	B2-35
M. R. Fox	B2-35
D. C. Frick	S4-56
R. L. Fritz	R3-49
J. C. Fulton	R3-56
M. L. Gamin	S6-06
L. A. Garner	T5-54
C. J. Geier	B2-19
C. K. Girres	N3-11
H. R. Gouge	G6-02
A. Greenberg	S4-01
M. L. Grygiel	G6-02
K. A. Hadley	R3-56
L. R. Hafer	H1-63
V. W. Hall	L4-88
W. H. Hamilton	N3-10
W. F. Heine	B2-35
D. R. Herman	S4-01
R. C. Hill	B4-53
J. O. Honeyman	B1-31
M. C. Hughes	L4-88
P. H. Jacobsen	H2-58
S. M. Joyce	H1-61
R. J. Julian	R1-48
J. R. Kasper	R2-50
D. E. Kelley	R1-48
J. R. Kelly	R3-28
A. J. Knepp	H4-56
J. R. Knight	B4-52
M. K. Korenko	B3-08
E. J. Kosiancic	T6-16
O. S. Kramer	B2-35
P. J. Krupin	A5-15
E. C. Ladd	H1-63
J. H. Larue	G6-16
G. J. LeBaron	S6-19

DISTRIBUTION (cont)

Number of Copies

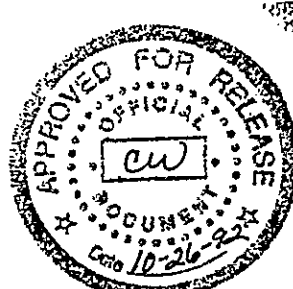
ONSITE

Westinghouse Hanford Company (cont)

R. E. Lerch	B2-35
D. W. Lindsey	B2-35
M. K. Mahaffrey	L4-73
H. E. McGuire	B3-63
B. L. Merrill	T6-06
G. A. Meyer	R2-30
J. C. Midgett	S6-15
W. C. Miller	S4-55
D. A. Moore	H4-57
R. D. Morrison	B2-35
D. J. Newland	S4-55
J. J. Noble	L4-76
D. H. Nyman	S4-56
W. R. Owen	R1-48
D. B. Pabst	B2-35
M. A. Payne	R2-50
R. D. Pierce	N3-13
L. L. Powers	B2-35
S. M. Price	H4-57
J. G. Propson	R2-18
R. E. Raymond	R1-80
W. A. Retterer	S2-93
R. C. Roal	S6-08
L. W. Roberts	T3-21
R. J. Roberts	N3-13
D. A. Rohl	S4-01
F. A. Ruck	H4-57
W. G. Ruff	R3-50
J. P. Schmidt	X0-41
J. A. Seamans	N2-04
J. O. Skolrud	B2-20
R. A. Smith	G6-02
L. Soler	B4-09
A. C. Stephan	B3-35
C. R. Stroup	H1-61
D. J. Swaim	N2-51
J. A. Swenson	G6-45
R. R. Thompson	L4-88
J. E. Thrasher	R3-45
J. E. VanBeek	R3-27
T. B. Veneziano	B2-35
E. C. Vogt	T5-50
J. L. Waite	H1-63
D. J. Watson	X0-41
T. M. Wintczak	L4-92
D. D. Wodrich	R2-23
R. D. Wojtasek	L4-92
C. D. Wollam	S6-19
D. E. Wood	B2-19

Westinghouse Hanford Company (cont)

R. F. Wood	R4-01
R. M. Yanochko	N1-30
J. A. Yount	L5-63
G. P. Zanzalari	B3-35
W. F. Zuroff	R2-14
Central Files	L8-04
Document Processing and Distribution (2)	L8-15
EDMC (11)	H4-22
Hanford Technical Library	P8-55
Information Release Administration (3)	A2-24

Date Received: <u>10-26-92</u> <i>cu</i>		INFORMATION RELEASE REQUEST		Reference: WHC-CM-3-4	
Complete for all Types of Release					
Purpose <input type="checkbox"/> Speech or Presentation <input type="checkbox"/> Full Paper (Check only one suffix) <input type="checkbox"/> Summary <input type="checkbox"/> Abstract <input type="checkbox"/> Visual Aid <input type="checkbox"/> Speakers Bureau <input type="checkbox"/> Poster Session <input type="checkbox"/> Videotape			Reference <input type="checkbox"/> Technical Report <input type="checkbox"/> Thesis or Dissertation <input type="checkbox"/> Manual <input type="checkbox"/> Brochure/Flier <input type="checkbox"/> Software/Database <input type="checkbox"/> Controlled Document <input checked="" type="checkbox"/> Other		
			ID Number (include revision, volume, etc.) WHC-SP-0909		
			List attachments.		
			Date Release Required <div style="text-align: center;">October 26, 1992</div>		
Title <u>Tri-Party Agreement Summary - September 1992</u>				Unclassified Category UC-	
New or novel (patentable) subject matter? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If "Yes", has disclosure been submitted by WHC or other company? <input type="checkbox"/> No <input type="checkbox"/> Yes Disclosure No(s).				Information received from others in confidence, such as proprietary data, trade secrets, and/or inventions? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Identify)	
Copyrights? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If "Yes", has written permission been granted? <input type="checkbox"/> No <input type="checkbox"/> Yes (Attach Permission)				Trademarks? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Identify)	
Complete for Speech or Presentation					
Title of Conference or Meeting			Group or Society Sponsoring		
Date(s) of Conference or Meeting		City/State		Will proceedings be published? <input type="checkbox"/> Yes <input type="checkbox"/> No Will material be handed out? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Title of Journal					
CHECKLIST FOR SIGNATORIES					
Review Required per WHC-CM-3-4		Yes No		Reviewer - Signature Indicates Approval Name (printed) Signature Date	
Classification/Unclassified Controlled Nuclear Information		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		S. Berglin <i>[Signature]</i> 10/26/92	
Patent - General Counsel		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		B. Williamson <i>[Signature]</i> 10/26/92	
Legal - General Counsel		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Becky Austin <i>[Signature]</i> 10/26/92	
Applied Technology/Export Controlled Information or International Program		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Steven Wisness <i>[Signature]</i> 10/26/92	
WHC Program/Project		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Franc Grey <i>[Signature]</i> 10/26/92	
Communications		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
RL Program/Project		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Publication Services		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Other Program/Project		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Information conforms to all applicable requirements. The above information is certified to be correct.					
References Available to Intended Audience		Yes No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		INFORMATION RELEASE ADMINISTRATION APPROVAL STAMP Stamp is required before release. Release is contingent upon resolution of mandatory comments. <div style="text-align: center;">  </div>	
Transmit to DOE-HQ/Office of Scientific and Technical Information		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Author/Requestor (Printed/Signature) Date		Frank Calapristi <i>F.T. Calapristi</i> 10/23/92			
Intended Audience <input type="checkbox"/> Internal <input type="checkbox"/> Sponsor <input checked="" type="checkbox"/> External					
Responsible Manager (Printed/Signature) Date		Frank Calapristi <i>F.T. Calapristi</i> 10/23/92		Date Cancelled Date Disapproved	